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R. H. SMITH, '05, EDITOR

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Advertisements

THE PENN STATE ALUMNI ASSOCIATION, 120 Main Building, State College, Pa.

THE ALUMNI ASSOCIATION

OF THE

Pennsylvania State College

"We, the graduates of The Pennsylvania State College, desiring to continue the associations of College days, to promote fraternal feeling, to facilitate fraternal helpfulness and intercourse with each other, and to promote the best interests of the College, do unite ourselves under the name and title of the Alumni Association of The Pennsylvania State College."

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THE SENIOR'S FAREWELL Class Day Exercises—Front Campus

Penn State Alumni Quarterly

Volume IV

JULY, 1914

Number 4

The Fifty-Fourth Commencement

Although the program of events attendant upon the exercises of a Penn State graduating class varies but little from year to year each Commencement has a marked individuality. History tells us that in the pioneer days of the institution Commencement was known as Harvest Home Week when the occasion partook of the nature of a country fair. In recent years the first really distinctive Commencement was in 1905 when the Semi-Centennial Anniversary of the College was celebrated. Within the past decade the graduating periods have been marked by the interests and personalities of the principal Commencement speakers—one year, a leader in the industrial life of the country, another year, the diplomatic representative of a great foreign nation, again, the commander-inchief of the regular army of our own nation, at other times, leaders in various lines of human endeavor have come to us and become the center of interest.

The Fifty-Fourth Commencement contributed a new character to this history. May it's shadow ever increase! The splendid baccalaureate sermon, the first Penn State organ recital, the fact that the class of 1914 was Penn State's largest class and graduated a larger percentage of it's original membership than any other previous class—all—were forced to provide a background for His Excellency, John K. Tener, the first Governor of the Commonwealth to present the Commencement Address to the graduating class. But—and in full appreciation, too, of Governor Tener's great service to the College—we must be fair and award the place of first prominence in the events of the 1914 Commencement to The Alumni.

1914 was truly an Alumni Commencement. A prominent alumnus in a letter recently received by the Alumni Secretary ex-

pressed it thus: "You should be most happy over the most successful alumni doings this year. They are the best yet. Within a few years Commencement will be known as an alumni function with some little attention paid to the graduating class."

Commencement Week Calendar

FRIDAY, JUNE 5

Freshman-Sophomore Class Athletic Championships-New Beaver Field.

1:30 p. m.—Track and Field. 3:30 p. m.—Baseball.

Soccer.

4:30 p. m.-Lacrosse.

8:00 p. m.—"The Honeymoon"—Benefit play for Christian Associations— Auditorium.

SATURDAY, JUNE 6.

- 9:00 a. m.—Annual Concert—College Cadet Band—Front Campus.
- 10:00 a. m.—Review of the Regiment of College Cadets—Beaver Field.
- 1:30 p. m.-Lacrosse-Carlisle Indians vs. Penn State-Beaver Field.
- 3:30 p. m.-Baseball-University of Pittsburgh vs. State-Beaver Field.
- 8:00 p. m.—Concert—College Musical Clubs—Auditorium.
- 10:00 p. m.—Campus Singing—Senior Class—Old Willow.

SUNDAY, JUNE 7.

- 10:30 a. m.—Baccalaureate Sermon—Rev. William B. Jennings, Pastor of the First Church of Germantown, Philadelphia—Auditorium. 3:30 p. m.—Dedicatory Organ Recital—Auditorium.
- 4:30 p. m.—Sacred Concert, College Cadet Band—Front Campus. 6:30 p. m.—Y. M. C. A. and Y. W. C. A. Meeting—Front Campus.
- 8:00 p. m.—Sacred Concert—Auditorium.

MONDAY, JUNE 8.

- 10:00 a. m.—Class Day Exercises of the Class of 1914—Front Campus.
- 2:00 p. m.—Track Meet—University of Pittsburgh vs. State—Beaver Field.
- 7:30 p. m.—Annual Meeting of the Board of Trustees—Carnegie Library.
- 8:00 p. m.—Junior Oratorical Contest—Auditorium.

TUESDAY, JUNE 9.

- 9:30 a. m.—Annual Business Meeting Phi Kappa Phi—Auditorium Fover.
- 10:00 a.m.—Public Welcome Class '64—Auditorium.
- 10:30 a. m.—Annual Business Meeting—General Alumni Association—Auditorium.
- 12:30 p. m-Alumni Luncheon-Alumni Tent.
- 2:00 p. m.—Alumni Parade—Through Village to Front Campus.
- 2:00 p. m.—Trustee Elections—Delegates, Old Chapel; Alumni, Room 114 Main
- 2:30 p. m.—Alumni Stunts—Punch-Bowl, Front Campus. 3:30 p. m.—Baseball—Chinese University of Hawaii vs. State—Beaver Field.
- 8:00 p. m.—"The Innocents" by the Thespians—Auditorium.
- 9:00 p. m.—Alumni Reception—Alumni Tent and Armory.

WEDNESDAY, JUNE 10.

- 9:45 a. m.-Commencement Procession-Carnegie Library.
- 10:00 a. m.—Commencement Exercises—Auditorium.

 Address—Hon. John K. Tener, Governor of Pennsylvania, Harrisburg.
- 3:00 p. m.—Meeting of Parents of Graduates—Old Chapel.
- 3:30 p. m.—Dedicatory Exercises—Horticultural Building. 5:00 p. m.—6:00 p. m—Reception to commencement Guests—President's
- Lawn, West Campus. 8:00 p. m.—2:00 a. m.—Junior Farewell Reception to Seniors—Armory.

THE FIRST DAY

Following a concert on the front campus Saturday morning the College cadets to the number of 1,000 officers and men marched to Beaver Field where they were reviewed by the President of the Board of Trustees, the President of the College and the Commandant of Cadets. President Sparks presented the commissions to the officers in a brief address in which he stated the historic fact that military drill was made compulsory upon the students of this college by action of President Lincoln who signed the act of Congress of July 2, 1862. He urged them to remember their military training in case the country again was threatened by internal or external foe and to respond as readily as their fathers responded to the call of President Lincoln. A large crowd of visitors filled the grandstand and bleachers to witness the drill.

In the afternoon the second game of the Pitt-Penn State baseball series was won by State in an exciting 7 to 4 contest.

At eight o'clock the largest audience which has attended a concert in years filled the Auditorium to greet the combined musical clubs. The reputation gained by the clubs under the training of Professor Robinson was maintained in the serious first part and also in the lighter second part. Some of the "stunts" would do credit to the vaudeville stage. The quartette which sang last winter at Panama gained large applause as did the Freshman quartette.

Following the concert, the Class of '14, assembled near the Alumni tents and maintained a tradition which now seems fully established at Penn State. They treated the many visitors to a splendid sample of campus singing, ending with Alma Mater.

BACCALAUREATE SUNDAY

Sunday was clear and warm. The Auditorium was packed to the doors when the Rev. William B. Jennings arose to deliver his sermon to the graduating class. Following is a resume of his most interesting address:

Ecclesiastes 9:11—"Rejoice * * *; but know that * * *."

Pleasure, its rightfulness, its limitations and its costliness, are the suggested teachings of the text, which spoken to young people standing at the point in life "where brook and river meet" are the key to life.

The rightfulness of pleasure, though by no means the highest end to be sought in life, lies in the very constitution of man, so planned that every natural exercise of function gives pleasure; in the constitution of the outside world upon which we read clearly God's wish that we be happy; the Scriptures too attest the same fact, the Bible having in it messages of joy, commands to joy and gifts of joy; and if anything more be needed we have it in the practice of Jesus, who in total contrast to his forerunner. John the Baptist, came eating, drinking and mingling with men. Mrs. Oliphant says of old Giotto, one of the cathedral builders of Florence, that he "strayed about Italy from town to town among the feastings and fightings, leaving here a mild-eyed Madonna, there a group of saints in Glory, jogging cheerfully along, everybody's friend and betraying his course wherever he went by something beautiful, some bit of rude common wall blossomed into an immortal thing." So Jesus walked up and down the world shedding joy and gladness wherever he went.

Good words, like good people, sometimes are dragged into bad company and then are judged by those with whom they associate. So it is with the word "pleasure." Itself without fault and indicative of a thing essentially good, it has come to be looked upon as synonymous with certain sinful indulgences. We need to restore the word to its right meaning; we must rescue the thing itself from the captivity into which it has fallen. Pleasure is not "heresy." It is orthodoxy and should be in our creed and practice. Have the courage to be happy! Pray, as did Stevenson, for "gaiety!" Practice gladness!

In adding the word "but" to "rejoice" there is suggested some limitations to pleasure, meant not to shut us out from any joys but to shut us into the highest and most lasting. Careful stu-

dents have found these limitations to be three. Pleasurable exercise of function must not overtax and so injure the organ or faculty involved. Novel reading for example, right in itself, may be indulged to the point that one is wholly unfitted for the severer thought-tasks of life. A second limitation is at the point where the pleasurable exercise of any organ or faculty hurts another part of our complex nature. The joys of religion may be had at the expense of the body's hurt by too long vigils, too protracted meditation, too great emotional excitement. On the other hand legitimate college athletics may be allowed to rob the mind, and delight in outdoor sports may lead us to spend the Sabbath in other ways than the culture of holiness through the worship of God. Pleasure finds its remaining limit when in its enjoyment another is hurt. The divine command is the fundamental law of sociology "Look each of you to his own things, but each of you also to the things of others." When, therefore, our pleasure is purchased at the physical or moral or religious hurt of another that pleasure becomes sin and quickly turns to pain. An old writer puts it thus, "Pleasure must first have the warrant that it is without sin; and then the measure, that it is without excess."

The remaining suggestion of the text, lying beneath the surface but there, is the costliness of pleasure.

Robert Louis Stevenson was wont to pray, "Deliver us from mean hopes and cheap pleasures." Are pleasures ever cheap? In the sense of being without cost. No. John Foster, the brilliant essayist, said long ago, "All pleasure must be bought at the price of pain. The only difference between false and true pleasure is that for the true the price is paid before you enjoy it—for the false after you enjoy it." See how large is the cost of false pleasure. Drink, for example, at first costs but a few cents; its last cost is health of body, clearness and balance of mind, the disruption of love ties, the sacrifice of the soul's life. The pleasures that lie outside the boundaries prescribed are as illusionary and disappointing and enslaving and at the same time as costly as were the imagined delights that lay beyond the home-fence and the ten commandments for the younger son in our Lord's parable.

Contrast the costliness of false pleasure, not at its first enjoyment but at the end, with that of the true. The far largest payment for every real joy must be made before one enters on it. Even religion is no exception. Christ tells us the cost of God and Heaven

and bids us beforehand weigh it. The assurance of pleasure is like a certain form of life insurance in which the lessened premiums bring growing dividends. I speak as to wise men.

This is my message and I could give none more important in our age which is pleasure mad.

In view of the rightfulness of pleasure I beg you, in the words of the Shepherd of Hermas, "Put on, therefore, gladness that hath always favor with God, and is acceptable unto Him, and delight thyself in it." But know that the domain of pleasure, though wideextended is yet bounded. Let not these boundaries be to you what the Sage of Concord says "a fence is to a school boy-an irresistible temptation to jump." Remain gladly within them. And be wise enough to forecast the ultimate cost of pleasure. Buy the real pleasures, the payments of which are heaviest at the beginning but grow lighter as you go on; rather than the false pleasures, glitteringly alluring, boundlessly promiseful, which constantly decrease in delight but demand ever heavier payments, the last of which is paradise and eternal life. The pleasure of the man who is right with God and walks in His ways is like the path of the just that "shineth more and more unto the perfect day." Enjoy that!

In this Baccalaureate service, the new organ placed in the Auditorium by the Class of 1914, was used for the first time. At three o'clock of the same day, the Auditorium was filled with persons interested in music who had assembled to hear the dedicatory recital given on the new organ. The following program was played by Mr. Charles E. Clemens, of Cleveland, Ohio:

1	Agitato, First Movement of Sonata No. 11Josef Rheinberger
2	Canzonet in B flat
3	Theme (varied) in E
4	(a) "Sous les bois"
	(b) "Lied"A. Chauvet
	(c) Minuet in GBeethoven
5	Caprice in G minor
6	(a) Vorspiel (Lohengrin)
	(b) Introduction to third act Lohengrin
7	Pilgrim's ChorusWagner

SPECIFICATIONS OF ORGAN.

GREAT ORGAN.

- 1 Bourdon, reg., 16 ft., 73 pipes, wood. 5 Dulciana, 8 ft., 73 p., metal 2 Open Diapason, 8 ft., 73 p., metal 6 Harmonic Flute, 4 ft., 73 p., metal 3 Violincello, 8 ft., 73 p., metal 4 Clarabella, 8 ft., 73 p., wood 7 Principal, 4 ft., 73 p., metal

Great Unsion off Great Octave Great Sub.

Swell to Great Octave

Swell to Great Unsion

Swell to Great Sub.

Eight adjustable double acting pistons to control Great and Pedal stops and couplers.

SWELL ORGAN

8 Diapason Phono, 8 ft., 73 p., metal 9 Rohr Flute, 8 ft., 73 p., wood 10 Viole d'Orchestra, 8 ft., 73 p., tin 12 Echo Salicional, 8 ft., 73 pipes, tin 13 Flauto Traverso, 4 ft., 73 p., wood 14 Cornopean, 8 ft., 73 p., reed

11 Viole Celeste, 8 ft., 61 p., tin 15 Tremulant

Swell Unison off Swell Octave

Eight adjustable double acting pistons to control Swell and Pedal stops and coupler

PEDAL ORGAN (Augmented)

16 Open Diapason, 16 ft., 32 notes, wood 17 Bourdon, from Great, 16 ft., 32 notes, wood

18 Flute, from Open, 8 ft., 32 notes, wood

Six adjustible double acting pedals to control Pedal stops and couplers

ACCESSORY

Two manuals Electric-pneumatic key and stop action Pedals A. G. O. Willis model, concave and radiating Console, detached and movable

> Balanced Crescendo Pedal Balanced Swell Pedal Great to Pedal, reversible Sforzando Pedal

A band concert on the campus followed at 4:30. At 6:30 a great crowd assembled at the Punch Bowl on the front campus for the joint meeting of the Christian Associations. Dr. Jennings, of Philadelphia, and Professor Alva Agee, of Rutgers College, were the speakers. Professor Agee was cordially welcomed by his many former pupils. The sacred concert at 8 o'clock filled the Auditorium and hundreds stood in the entrance and doorways. So closed a busy Sunday.

CLASS DAY

The Class of 1914 instituted several new customs in it's Class Day ceremonies which greatly enhance the significance of the occasion and increase it's traditional worth.

On Monday, June 8th, the 325 members of the graduating class met in Old Chapel for the last business meeting after which tobacco and pipes were distributed to all the members. The class then formed into a long line and headed by the cadet band marched to the Punch Bowl on the front campus for the formal farewell ceremonies.

Miles Horst, President of the class, addressed the large crowd and in a very concise talk reviewed the history of the college and the class in the past four years. A. T. McNeile, as pipe orator, presented the large peace pipe to J. L. Mathers, President of the class of 1915, and entrusted to the next senior class the responsibility of college leadership for the ensuing year. Mr. Mathers made an excellent speech of acceptance, in which he promised that his class would endeavor to follow the excellent example set by the outgoing seniors. Homer Hughes, with capable wit, presented to various members of the class little gifts characteristic of the undergraduate activities of the recipients. The last presentations were made to the three honor men elected by the class: Spoon Man, E. E. Miller; Barrel Man, Miles Horst; Cane Man, P. E. Rinehart.

The class did not observe the precedent of planting ivy, but substituted the gift of a drinking fountain located at The Willow as a more practical memorial. The fountain oration was delivered by F. C. Dosé.

The class next marched into the Auditorium where Clarence Keyser formally presented the organ, the memorial gift of the class. It cost about \$5,500. The class was aided by some generous alumni and the entire cost is almost met at the present time. In accepting the gift, Mr. H. W. Mitchell, President of the Board of Trustees, congratulated the class on selecting a gift which would add to the cultural development of the students; which would be of service at any time or day of the year; and which would grow in value and usefulness as the years passed.

At the close of these remarks, Professor Robinson took his place at the organ and for the first time the Alma Mater was sung to the great volume of music of which the instrument is capable. One cannot imagine how many times or under what circumstances the old song will be sung to the organ accompaniment in the many years to come.

The Class Day exercises, judging from the comments of the spectators, were more carefully arranged and better carried out than the ordinary run of such exercises. The class of 1914 accomplished much during it's four years that will be of lasting

benefit to the college and in it's efforts to preserve the ideals and traditions of Alma Mater has set a splendid mark for future classes to follow.

On Alumni Day '14 had a prominent place in the different events of the day and entered heartily into the alumni spirit of the occasion. A record established by the class of 1914 on this occasion should not go unnoticed-185 members of the class joined the General Alumni Association before their graduation day, thereby placing 1914 close to the top in the ranking of classes according to percentage in Association membership.

THE JUNIOR ORATORICAL CONTEST

The Forty-Second Junior Oratorical Contest at eight o'clock was warmly contested on Monday evening. Mr. Beatty Henderson Dimit was declared the winner of the first prize of \$50 offered by Mr. Thomas W. Barlow, '77, and the second prize of \$25 was divided between Arthur Carl Horst and Edgar Frederic Ottmyer owing to a tie vote of the judges of the contest.

PROGRAM

Music—"Mam'selle Napoleon".....

The College Orchestra.

ORATIONS

- "A National Duty"—Norman Earl Hartman, Middletown, Pennsylvania.
 "Our Permanent Asset"—Ralph DePuy Bole, Pittsburgh, Pennsylvania.
 "Living for Efficiency"—Arthur Carl Horst, Pittsburgh, Pennsylvania.
- Music-Triumphal March from Aida......Verdi

ORATIONS

- "Profits vs. Life"—Beatty Henderson Dimit, Slippery Rock, Pennsylvania.
 "Individual or Collective Bargaining"—Edgar Frederic Ottmyer, York, Pa.
 "A Need and Its Challenge"—George Vandergrift Luerssen, Reading, Pa. Music.

Reading of the Honor Roll of the Junior Oratorical Contest.

* * * *

Announcement of Judges' Award and Presentation of Prizes.

THE PRIZES.

The Barlow Oratorical Prize, \$50. The College Oratorical Prize, \$25.

JUDGES OF THE CONTEST.

E. N. Baer, Esq., New Castle, Pa.; Professor R. Ernesti, Greeley, Colo.; Frederick Underhill, Lansdowne, Pa.

ALUMNI DAY

Tuesday, June 9th, was properly labeled "Our Day" by the visiting alumni. Although the white class badges were very much in evidence all through Commencement Week, the events of Alumni Day served to emphasize this rapidly developing phase of Penn State life and to clearly establish this day as one of the leading features of a Penn State Commencement.

Alumni reunions at the college have been growing in interest and importance for a number of years but the 1914 Commencement marks the beginning of a distinctly new and broader era in Penn State alumni history. This year recorded by far the largest attendance of alumni at any celebration at the college and the class reunions were especially well attended and keenly enjoyed. Perhaps the most encouraging thing was the universal interest shown in the more serious business of the college and the wide and free expression of loyalty and willingness to serve her cause. The Booster Spirit prevailed.

The alumni features of Commencement, too, were brought into sharper contrast with the other events of the week through a novel form of Alumni Headquarters. Alumni activity radiated from two large tents conspicuously located on the front campus. One of the tents provided a general lounging and meeting place for the reunion classes; the other—"The Big Tent"—housed the General Alumni Association office with the registration desk, a visitor's service bureau and a buffet lunch.

The opening gun of Alumni Day was fired by the Class of 1909. At 9 A. M. the "'09 Booster Brigade," dressed in full reunion regalia and aided and abetted by a ten piece brass band, cheered their way through the streets of the village and campus to arouse those sleepers who had failed to respond to the more gentle persuasion of "Big Ben." The "Brigade" successfully carried out it's mission and contributed a good alumni attendance at the ceremony of welcome to the class of '64 and the annual business meeting of the General Alumni Association which immediately followed.

* * * * *

The picnic luncheon served on the campus around The Big Tent served to hold the crowd in check until the time set for the Pee-rade and Stunts. At two o'clock the "best alumni parade, ever," started on it's brief march through the village streets to the Punch Bowl on the front campus. The Penn State Cadet Band led the line followed by automobiles carrying '64 and members of the classes up to the early eighties. Then on foot came '85, '87, '89, '90, and '92. Next in line was the 20th Reunion Class—'94—and it may be said that this class well deserved the applause it received along the route. The '94 section was led by the famous Boy Scout Band of Lewistown, an organization with a national reputation (and worthy of it's reputation, too), which was imported by '94 especially for Alumni Day. Following the band the '94 sweethearts, sisters, wives and children rolled along in sumptuous auto equippage (undoubtedly supplied by the predatory rich of the class). Then came the white hatted men of '94 with a record turnout of the class.

In increasing numbers the classes of the next ten years came along in order of graduation. 1904—back for it's Tenth Reunion—was the next class to attract special attention. In reverant memory of a dead past the ten-year men adorned themselves in house-painter's garb and tenderly bore the isignia of their undergraduate art upon a two-wheeled paint chariot. As this section of the parade passed along many native Centre Countians among the spectators were observed to shudder and offer up prayers that red paint would never again become fashionable in college circles.

'05, '06, '07 and '08 were in line with good delegations followed by the spectacular presentation of the Class of 1909. The Five Year Class firmly established the precedent set up last year by '08. First came a snappy looking company of "U. S. Regulars" led by "Pop" Gleason, then the Dove of Peace in an automobile conveyed by a bottle of "Welch's" and "William Jennings Bryan" Meek. The Mexican contingent—and a desperate looking crew they were—brought up the rear.

As the big delegations of '10, '11, '12 and '13 ambled along they appeared to be framing up Five Year Stunts to "put one over on '09." The class of 1914 added a neat finish to the procession by appearing in their Class Day costume of white flannels.

* * * * *

Forming a great semi-circle on the slopes of the Punch Bowl the marchers and their friends took their ease to enjoy a new and revised version of Stunts. The program follows:

 * * * * *

The alumni section of the grandstand at the Chinese University-Penn State baseball game was enlivened by an interesting bit of by-play that was not included in the regular program and which served to show that freshman-sophomore class rivalry does not become entirely extinct even after the lapse of twenty-three years.

The class of '94 had settled itself comfortably in the bleachers to enjoy the game and in an exciting moment on the diamond the '94 men had relaxed their vigilance over the beloved class banner. They were suddenly brought back to earth, however, by observing a cocky little '95 banner leading a two-man procession across the field with "Raz" Rogers, '95, bearing aloft the '94 colors—in flames. '94 shed all dignity in responding to the fire alarm. The chase was brief but thrilling. The former star of the famous Toothpick Football team was no match for his pursuers. John White, '94, cinder path hero of the early nineties, soon distanced his class mates, closed the gap in old time form and led the desecrator of the colors, winded and dejected, before the grandstand to publicly promise "never to do it again." Incidentally, this was the second defeat '95 had suffered in the same day. Earlier in the afternoon Rogers had attempted to "add some real class" to the '94 Reunion picture by seating himself prominently in the group before the camera. He was ejected gently but firmly.

* * * * *

The Alumni Reception and Dance in the Armory closed most pleasantly a well filled day. In previous years a wide spread distribution of admission tickets resulted in a congestion of the dancing floor which was avoided this year by admitting only members of the General Alumni Association. The arrangement of the dance program, too, seemed to better suit the varying tastes of the alumni,

in that the devotees of both the old and new style dances had their innings.

The 1914 Alumni Day left an indellible and most pleasant impress upon the memories of those who returned to the College to participate in it's program. As has been noted elsewhere in this issue it will be this day by which the Fifty-Fourth Commencement will be remembered. To those who are deeply interested in the future of our Alma Mater this day has given new inspiration and renewed zeal for service in her behalf.

START NOW TO PLAN FOR 1915.

"On the Register at "The Big Tent"

'61-J. H. Isett.

'62-John I. Thompson.

'64—A. W. Crain, T. D. Frazer, J. P. Orr, W. P. Humes, W. M. Atkinson, W. M. Marks, W. G. Waring, A. N. Sutton, J. E. Schell, J. P. Harlan, G. S. Terry.
'65—O. J. McAllister.
Hamilton.

771—John Hamilton.
773—Laura B. Lytle.
774—James I. Thompson, G. G. Hutchison, W. L. Foster.
776—E. L. Orvis.
780—J. L. Hamill, Frank McFarlane.

'81—D. O. Etters. '82—R. M. Foster. '83-S. McC. Hamill. '84-M. W. Lowry.

'85-F. S. Clapp, Blanche Patterson Miller, H. C. Rothrock.

'86-M. Elizabeth Olewine.

- '87—W. F. Strouse, W. F. White, G. T. Bush, W. E. Tyson.
 '89—W. B. N. Hawk, J. I. Dale, J. P. Jackson, J. M. Waldron, R. P. Swank,
- C. G. Roop. '90—H. W. Mitchell, Margaret B. Jackson, G. R. Meek, R. L. Watts.

'92-M. S. McDowell, J. F. Shields, A. C. Read, E. W. Bush, Eloise K. Meek, T. O. Glenn.

Meek, T. O. Glenn.

'93—R. W. Williamson, M. E. McDonnell.

'94—W. H. Rebhun, Willard Dale, A. D. Belt, J. P. Aikens, A. F. Damon, Jr., J. B. White, H. P. Dowler, P. B. Brenneman, J. E. Quigley, W. B. Waite, I. A. Packer, F. K. Mattern, Frank Kyle, A. D. Knittle, Susan Hunter Smith, G. P. Miller, W. A. Silliman, J. M. Campbell, Carrie Miller Wieland, P. P. Sturdevant, Elizabeth Thompson.

'95—J. F. Rodgers, R. G. Glenn, Margaret B. McDonald.

'96—H. T. Price.

'97—E. F. Hill, A. L. Cromlish, R. M. McKinley.

'98—Helen Atherton Govier, M. M. Cadman, A. N. Diehl, L. L. Ansart, I.

'98-Helen Atherton Govier, M. M. Cadman, A. N. Diehl, L. L. Ansart, J. H. M. Andrews, C. R. Norris.

'99-G. M. Norman, H. O. Way, M. R. Stevenson, D. E. Carpenter, J. N. Sherer, J. L. Minick, D. P. Fortney.

- '00-G. W. Peffer, Ann Hamilton Henzey, A. M. Pearce.
- '01-E. S. Erb, I. G. G. Forster.
- '02-L. E. Carpenter, J. E. Wagner.
- '03-G. O. Gray, P. H. Dale, G. M. Sellers, E. E. Hewitt, C. L. Kinsloe.
- '04—R. W. Bowers, W. C. Riddle, J. Mc. Price, J. F. Tritle, W. R. Gorham, H. A. Leitzell, E. C. Bevier, M. L. Gray, B. McCalmant, C. S. Bomberger, L. E. Shaner, A. R. Ale, J. J. Hoblitzell, Jr., R. P. Campbell, J. E. Zullinger, A. S. Biesecker, H. B. Shattuck.
- '05-C. E. Govier, F. M. Torrence, R. H. Smith, Mary Thompson Dale, J. B. Warriner.
- '06—W. F. Leitzell, F. J. Kaufman, G. C. Glenn, C. F. Noll, Bessie Glenn Kottcamp, E. G. Yeckley.
- '07-C. L. Goodling, R. A. Caughey, T. W. Mason, W. R. White, H. W. Montz, J. B. Long, F. O. Tawney, D. D. Dodge, Lyons Mussina, W. T. McCormick, Laura T. Harrison.
- '08-H. H. Haverstick, D. C. Cochrane, E. G. DuBarry, J. H. Dougherty, W. H. Brown, R. B. Meckley, C. E. Myers, G. H. Wion, W. B. Plank, B. Weber, E. H. Leathers.
- '09—F. A. Gleason, A. G. Frick, J. K. Barnes, H. A. Pearce, J. W. Loose, R. O'Donnell, F. S. Pollock, W. L. Clay, A. J. Brown, J. A. Howland, R. M. Pennock, W. B. Furst, C. R. Orndorff, F. C. Nicholson, P. M. Etters, H. S. Amer, A. F. Pond, Herbert Rader, C. A. Miller, E. K. Hibschman, F. S. Engle, A. R. Meek, W. H. Beyerle, P. E. Thomas, T. R. Hay, W. J. Carlson, Elizabeth B. Bower, F. F. Simon, A. L. Barnett, F. D. Cooner, P. B. Postelthwaite, D. L. Markle, O. C. Bowes, T. A. Cook, J. H. Lynch, H. S. Stuckeman, J. E. Martin, R. H. Thompson, W. E. Fowler, F. F. Grazier, C. F. Dodson.
- '10—C. R. McAnlis, W. B. Nissley, W. D. Canan, C. R. Steele, A. E. Roberts, F. E. Bittenbender, R. B. Fehr, W. H. Foster, W. I. Reed, G. A. Hoy, J. A. Runk, J. F. Scott, D. K. Sloan, R. H. Bell.
- '11—H. D. Davis, R. P. Weinman, H. H. Armsby, H. K. Bear, W. S. Glenn, Jr., R. C. Walton, S. I. Bechtel, R. G. Guthrie, M. P. Helman, J. R. Guyer, E. A. Steinfurth, R. Devereaux, R. H. Glanville, Mary E. Bailey, Nan M. Bailey, H. J. Yeckley.
- '12—P. M. Snavely, R. B. Dunlap, H. S. Cocklin, K. H. Bair, F. J. Holben, J. W. Park, D. H. Kauffman, C. B. Kegarice, F. D. Cleber, D. P. Robinson, E. W. Carson, M. W. Beck, R. C. Harlow, R. L. Rhoads, S. M. Dean, V. M. Peraza, C. B. Hartman, C. G. Grove, S. H. Painter, J. R. Gilligan, F. F. Moeschlin, G. L. Trump, C. C. Christ.
- '13—H. A. Lum, W. K. Cadman, H. Diemer, R. E. Kirk, H. E. Watson, D. W. Very, W. H. Armstrong, J. H. Mendenhall, O. M. Cope, R. G. Bailey, E. B. Moyer, H. R. Austin, J. D. Pharo, H. P. Curtiss, C. B. Steel, J. R. Bechtel, S. E. Burkhart, G. A. Barker, H. R. Kraybill, E. M. Hyatt, A. A. Hansen, H. R. Leonard, Harold Sinclair, A. D. Reber, J. F. Miller, R. F. Deane, H. B. Gardner, N. S. Grubbs, G. T. Rodgers, D. K. Skinner, Wm. Parker, Jr., B. L. Hartz, B. J. Crotsley, Julia Krumrine, R. A. Field, Martha L. Davey, O. B. Malin, J. H. Kidder, Anna M. Glenn, W. R. McKnight, R. H. Elliott, R. S. Kift, B. M. Stover, P. T. Ziegler, M. J. McClearly, G. B. Butterfield, E. W. Markle.
- '14—The names of the graduating class appear in the Alumni Directory later in this issue.

THE ALUMNI "MOVIES"

A Pictorial Review of Alumni Features of the 1914 Commencement

"THE BIG TENT."



The "09 Booster Brigade" Starts Out to Waken the Village.



Governor and Mrs. Tener and President and Mrs. Sparks (at table at the right) at the Alumni Luncheon.



The "Boys" of 50
Years Ago lead the
Big Parade.



They Didn't Seem to Mind the Heat.







And the Ladies of '94.



And Then the Boys of '94 Themselves.

This Needs no Label.





The "Americanos" of '09.

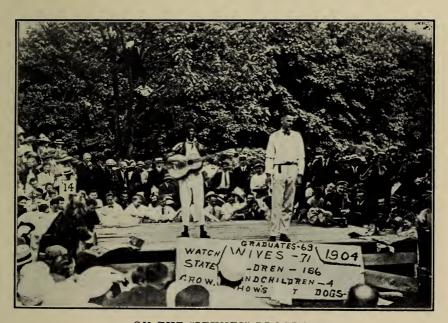
And Villa's Crew.





THEN THEY ALL GATHERED IN THE "PUNCH BOWL"-SOME BUNCH-EH?

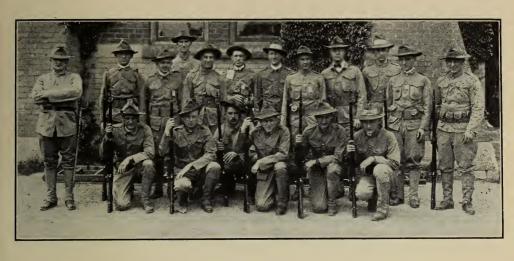




ON THE "STUNTS" PROGRAM.



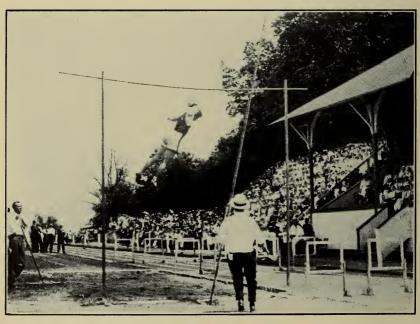






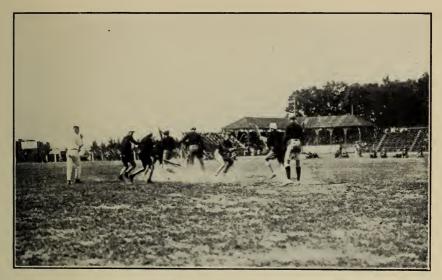


White, '16-220 Yard Dash, 21 4-5 Seconds.

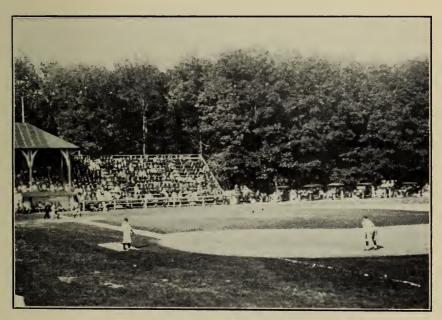


Page, '17—Pole Vault, 11 feet 7 inches.

TWO NEW RECORDS WERE SET UP IN THE DUAL MEET WITH PITT.

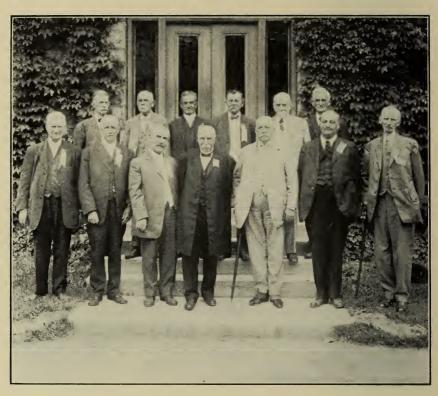


Penn State-Indian Lacrosse.



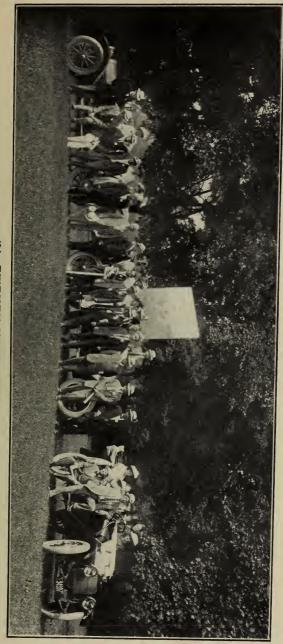
Pitt vs. Penn State.

MORE ACTION ON NEW BEAVER.



THE FIFTIETH REUNION OF '64.

Front Row (left to right): T. D. Frazer, J. P. Orr, W. G. Waring, Prof. J. H. Lease (Professor in 1864,) J. P. Harlan, A. W. Crain, J. I. Thompson, Jr., '62 Rear Row: W. W. Marks, J. E. Schell, Jr., G. S. Terry, A. N. Sutton, W. P. Humes, W. M. Atkinson.



'94-TWENTY YEARS OUT.

ALUMNI CLUB REUNION.

THE CLASS REUNIONS

1861

No reunion since that of '61 can be compared with that of '64. Every living member of the class except two, who were incapacitated for travel, was present and the number was supplemented by a member of the faculty of that date. Following is a list of those present: William M. Atkinson, McVeytown, Pa.; Alexander Willis Crain, Wewoko, Oklahoma; George E. Demuth, Philadelphia; Thompson D. Frazer, St. Joseph, Mo.; John P. Harlan, Philadelphia; William Potter Humes, Bellefonte; William Worrall Marks, Lewistown, Pa.; James Polk Orr, Pittsburgh; Wallace Pierce, Long Beach, California; Joseph E. Schell, Glenolden, Pa.; A. N. Sutton, St. George, Md.; Gabriel S. Terry, Little Falls, New Jersey; and William George Waring, Webb City, Mo.

The member of the faculty was the Rev. John H. Lease, of Cincinnati, Ohio, Professor of Philosophy and English Literature in the college in 1864. Short speeches were made by different members of the class as each was introduced to the President of the College. Dr. Lease referred to the unpromising condition of things when he was here and contrasted it with the marvelous development of the present. Yells for '64 were given by '09, '04, and '94, who had marched into the Auditorium in their class costumes. The Commencement visitors present were intensely impressed by the sight of these old men of '64 returning to pay tribute to their college after a lapse of fifty years.

No part of the Commencement exercises is more touching than the reunion of these fifty-year classes. The records of the college were imperfectly kept in those days and the task of locating the men is arduous and painstaking. It has been done during the past four years by a committee of which Dean Pond is Chairman.

1894

A '94 man, a resident of a nearby city, had not seen his college for nigh unto twenty years. He had almost forgotten that he was a Penn State man—he had been busy building a successful business and a stable professional reputation. Some months ago he received a letter bearing the legend, "The Twentieth Reunion of Penn State's Class of '94—Be There." Later he received other documentary appeals of a similar nature. These epistolary bombs, however, fell wide of the target of this man's decision. Then he received a tele-

gram urgently calling him to the Twentieth Roundup. The telegram came collect. Then he received another telegraphic summons—charges collect. Still another telegram—collect. In self defense, he hurriedly took a train for State College. And then, how he did enjoy himself! Yea verily, he openly confessed himself a back-slider and forthwith enlisted as a "Booster."

The foregoing is unvarnished testimony of the able efforts of "Persistence" B. Brenneman and J. "Alwaysafterem" Aikens committeemen extraordinary for '94's Twentieth Reunion.

Most of the class, however, returned more willingly, notably John Beaver White who came from his home in London, England, especially for the occasion, and a splendid turnout of 21 members of the class was recorded.

That even the smallest crevice of time might be filled with joy and life, '94 brought along it's own band—the Famous Boy Scout Band, of Lewistown, and that crack musical organization contributed largely to the success of the entire Alumni Day program.

At nine P. M. Committeeman Aikens became Host Aikens, and entertained the classmen and their wives at a bumper dinner at Nittany Inn. This was truly an occasion of double dyed enthusiasm.

At a brief business meeting of the class following the dinner A. F. Damon and P. B. Brenneman were re-elected President and Secretary to serve until the Twenty-Fifth Reunion in 1919. Steps were taken at this meeting to present the College with a substantial memorial of the class on the occasion of their twenty-fifth reunion. If confidence counts for anything '94 will be there 100 per cent. strong in 1919.

1904

In numbers only was the Ten-Year Reunion of '04 disappointing. Enthusiasm, extravagant use of red paint and conspicuous white uniforms placed the minority representation very much in the foreground. Even an inkling of the good times should make the stay-at-homes envious and full of good resolutions for 1919.

Early rising villagers on Alumni Day were taken back to the days of chivalry by a startling display of 1904 numerals in glaring carmine. On the tower of Old Main, in flower beds, on trees—everywhere, were "good morning greetings" done in "'04 red paint." No, anxious inquirer, the signs were all removable. 1904, for once, was merciful and resorted to canvas and easily detached shingles for the execution of it's art.

Aside from it's parade "stunt," which is described elsewhere in this issue, the class had no formal reunion program—perhaps the easy infomality added to the pleasure of the occasion. The bunch just "bummed around," guyed one another, refreshed the memories of undergraduate days and made plans for a bigger and better reunion next time.

1909

The old "Blue Goose," more or less changed since that day in June, 1909, when we bade each other good-bye in the Punch Bowl on the front campus, but nevertheless, the same old Blue Goose, was, on the evening of June 8th, 1914, the scene of the first meeting of '09 men after years of hard toil in "the wide, wide world." Remember the song we used to sing—"Where, oh, where are the dear old seniors, safe now in the wide, wide world?" Remember the little thrill that we used to experience as the end of that song was reached?

The same little thrill, cherished and nourished into a really and truly honest to goodness thrill, was felt by forty jubilent and happy '09 men as "Dick" Pennock gave the signal that started a rousing old time class yell. Our class always did show real form with that yell and the ravages of time had apparently effected the '09 vocal chords but little.

After the class yell, the fellows were seated about the festive board and were treated to a course dinner that would have been absolutely perfect had every member of our class been present to partake of it. As it was, we enjoyed it. We enjoyed it beyond words to tell, and yet—what did they serve us? Possibly we do not remember, which shows conclusively that we did enjoy it immensely.

So much happens at Penn State at Commencement time these days—and no one wants to miss any of it—that it was decided that "Dick" Pennock should act as temporary chairman and carry on a business meeting while the dinner was in progress. It worked very well indeed except that "Dick" got little, if anything, to eat and "Pop" Gleason almost broke up the party by passing around a picture of "Pop" Gleason, Jr., wearing an old '09 jersey and waving an '09 pennant. In proper order, nominations for new class officers to serve until June, 1919, were asked for and the following were una imously elected: R. M. Pennock, President; A. G. Frick, Vice President; P. Edwin Thomas, Secretary; W. B. Furst, Treasurer.

The new officers immediately took up their respective duties and there followed next a report from the treasurer, W. B. Furst. The first report was that of the financial standing of the class in June, 1909. This report follows:

CREDITS.

Balance after audit June 17th, 1909	1123.49	
		\$1,306.75
EXPENDITURES.		
Commencement programs, S. L. Cyphers. Grit Publishing Co., LaVie deficit. Athletic Store, jerseys. Mrs. M. R. Lawrence, class song. Safe deposit box, Yale National Bank.	3 165.45 275.00 49.50 1.50 5.00	
·		496.45

This report was followed by a report of '09 finances in June, 1914. This report follows:

\$810.30

5.00

\$1,015.50

Balance in June, 1909......

Balance in June, 1914.....

CREDITS.				
Demand note, John T. Manson	$10.30 \\ 13.96$			
		\$1,020.50		
EXPENDITURES.				
Safe deposit box, Yale National Bank	5.00			

At the conclusion of these reports, it was unanimously voted to express our appreciation to "Bud" for his excellent work in taking care of our finances in the able manner in which he did.

The report on finances seemed to take some of the fellows back some nine years to the days of the old flag scraps. Someone inquired for an '08 financial statement and for some ten minutes the chairman tried in vain to bring the crowd to order. Apparently no one had forgotten the "land battleship" or "machine" that our rivals built and how it was so timely reduced to ashes before ever seeing active service.

Before we graduated, it was voted to dispose of our class money at a meeting to be held at the time of our five-year re-union. Accordingly, the question was introduced and there followed a report of a conversation with our college president, Dr. E. E. Sparks. Dr. Sparks stated that any money we had to dispose of, could be used to best advantage in connection with the new college hospital. We took Dr. Sparks' word for it because we knew that he knew what the college needed most of all. By unanimous vote, \$500.00 was given to this project with no restrictions regarding its expenditure. The request was made that a small tablet be placed somewhere in the new building stating simply that '09 contributed toward it. The balance of the money in our treasury was voted to be held to defray the expenses of our five-year re-union, as authorized by Karl Marsh, and to carry on the business of our class during the next five years.

Next followed a discussion of the class "stunt" to be staged the next day. All plans were rapidly perfected and then was introduced the subject of the advancement of our general Alumni Association as the best means of advancing the interests of our college. As every '09 man present was an active member of the Alumni Association and a real "Booster," as evidenced by his being present at our first home-coming, it was felt that the members of our class who were not present and particularly those who were not actively affiliated with the Alumni Association, were the ones to be reached with an appeal to join the Association immediately and lend all possible support during the next five years.

Many men may feel that our college is expanding as rapidly, without their support, as it should expand, consistent with all things. But that is not the point! The college needs the full and hearty support of every Alumnus in order that appropriations can be secured to take care of the already too large student body. Under the magnificent leadership of Dr. Sparks, new students in great numbers are attracted to Penn State each year. Many of these fellows are being denied admission, not because they are not fully prepared to enter but because the college with its present equipment cannot accommodate them. We '09 men are now enjoying the benefits of four years at good old Penn State. Do you wish to see anyone denied the privilege of being a Penn State student and graduate? We seem to hear the answer in a loud chorus from all '09 men, "most certainly not." The little thing to do, then, is to sit down now and write a check for two dollars and mail it to the general Alumni sec-

retary at 120 Main Building, if you are not already a real live booster. When that is done, you will feel at ease with yourself again. Try it fellows, once a booster, always a booster and the fun you get out of it is only to be compared with those good old times between the Fall of '05 and the Spring of '09.

The next topic of discussion concerned our Penn State Alumni Quarterly. It was unanimously agreed that this Alumni magazine fills, in a measure at least, the broad gap between today and the days of our college course. However, the suggestion was made that a monthly magazine would do still more good and the suggestion fell upon fertile ground. A few minutes later it was voted to recommend to our general Alumni Association that the change in issue of our magazine be made at the earliest possible date.

The next and last motion made and carried, authorized the Secretary of our class to issue for distribution in June, 1919, an '09 Ten-Year book. This Year book will resemble the Year books of other colleges and universities. It will also resemble, in a way, the Penn State La Vie. The expense of issuing such a book will be taken care of by an assessment levied in June, 1919, at which time each member of our class shall receive one copy. The active work of preparation will no doubt begin about June, 1918, but meanwhile the Secretary invites suggestions from the entire class. The task of preparing this book will be large and the Secretary will need much help.

At this point the dinner had reached the very last course and the real treat of the evening was enjoyed—good old "creamery" ice cream. After an absence of five years, a Penn State man can really relish a nice, large, lovely dish of creamery ice cream. Eh, what?

The dinner was over, the college yell (the old one) rang through the halls of the Blue Goose and then "chica cha he, cha ha, cha hine, Pennsy State, 1909" split the ears of a large crowd of curious spectators who had gathered to find out what the big noise was about. We moved in a body to the old "Co-Op" corner and there repeated our yells. From that point we dispersed, each to greet and be greeted by many old friends whom we had not seen for years, and to meet next day to make preparations for the big '09 stunt.

According to schedule, the '09 forces assembled at eight o'clock on Alumni Day, June 9th, at the big Alumni tent on the front campus. Half of the men wore regulation Army uniforms and the other half were garbed as Mexican greasers with all the spangles, pointed hats, etc., that are supposed to go with the outfit. The early morning greetings and salutations were indeed rich to hear. A section of the college cadet band reported for duty and soon the two armies were off on a complete tour of the village and campus to arouse from their downy couches all Alumni, young and old, who were in attendance for Commencement.

The tramp, tramp of the soldiers, the rat-a-tat-tat of the drums and the jabbering and yelling of the dusky peons soon caused a stir in the sleepy village. One after another of the Alumni joined the sidewalk crowd and followed the main street parade from one square to another. By the time the drum corps halted in front of the Auditorium, the largest crowd of Alumni in the history of the college was present to enter the chapel and welcome the class of '64.

After the welcome to '64 the general Alumni business meeting was held. When the roll was called, '09 was there forty-one strong. An account of the general Alumni meeting will be found in the July Quarterly. From the chapel the crowd moved to the Alumni tent where we all shook hands with Dr. Sparks, Governor Tener and others and then partook of an Alumni luncheon. The different classes grouped themselves among the trees near the Senior benches and talked and sang as they ate.

The Alumni parade formed soon afterwards and '09 took its place in line, each man now armed with a Krag rifle and supplied with some forty or fifty rounds of ammunition. The big parade passed through the village and then back to the Punch Bowl on the front campus. The classes "put on" their "stunts" beginning with the oldest class and going down the line. The antics of the Alumni were thoroughly enjoyed by the big crowd that was present. Last in order came the call for '09. A Penn'a. State Constabulary man cleared the crowd from the Punch Bowl and also cleared the space from the Punch Bowl to College Avenue. The Mexican army took up its position in the Bowl itself and back of and in the nearby trees. The U. S. army intrenched itself back of the slight elevation at the edge of the campus.

The U. S. General gave the command to his men to advance and fire at will. Twenty Krags can make some noise. Add to that twenty more Krags in the hands of half starved Peons and mountain bandits and you will get some idea of the terrific battle that raged on the very edge of our beloved campus. The crowd of wide-eyed spectators were amused, delighted and satisfied and we, after firing

all the ammunition we had, were satisfied that we could be boys again and thoroughly enjoy ourselves and also satisfied that we had not blown off some one's head with flying wads from our blank ammunition.

The base ball game was next, then dinner, then the Thespians and last, the Alumni dance and reception. Space prohibits detailed accounts of the above. Sorry! Just remember this: in 1914, forty-one '09 men had the best time they had had in five years. Also remember this: in 1919, we are going to put the 1914 home-coming to shame. It is never too early to plan for a re-union. Start now putting away buffalo nickels for the big '09 event in 1919.

P. EDWIN THOMAS, Alumni Secretary, '09.

THE ALUMNAE

On Tuesday of Commencement Week the Alumnae Club of the Pennsylvania State College held its annual meeting and supper. The sixteen members present were Mrs. Miller, from Lock Haven; Dr. Meek, Mrs. Olewine and Miss Harrison, from Bellefonte; Mrs. Jackson, from Harrisburg; Mrs. Kottcamp, from Brooklyn, and Mrs. Dale, Miss Bower, Miss Nannie Bailey, Miss Mary Bailey, Miss Miller, Miss Glenn, Miss Lawsing, and Miss MacDonald, from State College. The guests present were Miss Lovejoy and seven women members of the graduating class. The delicious supper was beautifully served by Mrs. Sellers and was most thoroughly enjoyed by everyone.

Informal talks were made by Miss Lovejoy, by Dr. Meek, by Mrs. Jackson and by Miss Williams, of the Senior class. Reports were made by the Treasurer, and by the Chairman of the Hospital Committee. A committee was appointed by the President to further investigate eligibility for membership in the Association of Collegiate Alumnae.

The following officers were re-elected for 1914-15: President, Mrs. Blanche Pattison Miller; Vice President, Miss Olive Miller; Treasurer, Mrs. Mary Thompson Dale; Secretary, Miss Margaret B. MacDonald.

MINUTES OF ANNUAL BUSINESS MEETING OF GENERAL ALUMNI ASSOCIATION

The annual business meeting of the General Alumni Association was called to order by President Williamson at 10:30 A. M., Tuesday, June 9th, in Schwab Auditorium immediately following the public welcome to the Class of 1864.

The following classes responded to roll call: '62, '64 (by introduction of the individual members), '80, '84, '87, '89, '90, '92, '93, '94, '95, '96, '97, '98, '99, '00, '02, '03, '04, '05, '06, '07, '08, '09, '10, '11, '12, '13, '14.

A. D. Belt, '94, J. F. Tritle, '04, and P. E. Thomas, '09, were appointed tellers to canvass the vote for General Association officers for the year 1914-1915.

President Sparks addressed the Association with special reference to a memorial to the late General James A. Beaver and submitted for approval the idea of a James A. Beaver Memorial Social Hall as the most appropriate form to perpetuate the name of Penn State's great friend. George R. Meek, '90, expressed the sentiment of the alumni in favor of such a project. Upon motion of J. F. Rodgers, '95, a committee consisting of H. W. Mitchell, '90, J. F. Shields, '92, R. W. Williamson, '93, M. S. McDowell, '92, and R. H. Smith, '05, was appointed to confer with President Sparks upon methods for raising funds for the erection of such a memorial.

- A. C. Read, '92, chairman of the Alumni Advisory Athletic committee, reported that during the past year the eligibility code of the Athletic Association had been placed on an equal plane with the best American colleges by the adoption of the One-Year Rule and that financially the Association was in most satisfactory condition.
- H. W. Mitchell, '90, for the Committee on extension of Alumni Association Work, reported that the "Booster Campaign" as perfected by the committee and outlined in a recent issue of The Quarterly, had met with approval in a number of the branch associations and that the Board of Trustees of the College had endorsed the movement in their meeting of June 8th and voted a contribution of \$500.00 to the campaign with the promise of additional support at a later date.
- R. M. Pennock, '09, presented a resolution passed by his class urging the Association to consider changing the Alumni Magazine

from quarterly to monthly issue as a most important measure for improving the effectiveness of the Alumni Association project.

Report of Secretary-Treasurer: "In a work such as is being attempted by the General Alumni Association—where the effort is to create a certain mental attitude rather than to build a material structure—it is difficult to show clearly defined results. Accomplishment can only be measured in the effects of an aroused interest, an awakened sense of obligation and a resolution to "get busy and boost" on the part of the general alumni body."

Figures of General Association enrollment show a steady growth:

	Active	Associate	Total
June 1, 1912	712	• • •	712
June 1, 1913	714	41	755
June 1, 1914	833	56	889

During the year the Secretary attended branch association meetings in Boston, New York, Schenectady, Philadelphia, Harrisburg, Wilkes-Barre, Pittsburgh, Buffalo, Cleveland, Baltimore, and Chicago. Full reports of these meetings were given in the January issue of The Quarterly. Over 600 Penn State men and women were met in these meetings. In every gathering there was shown an earnest interest in affairs at the College, a spirit of optimism for the future, an intelligent appreciation of her problems and difficulties and a general expression of willingness to "boost."

No new branch associations were formed during the year but several were revived and started on a promising career of service, notably Harrisburg and Wilkes-Barre-Scranton. A new organization in Erie will be organized within a few months. Outside the state of Pennsylvania there remains probably but one centre in which there are enough Penn State men to maintain a live organization—that is Washington, D. C. It is hoped that the Washington men will perfect a branch during the coming year. Within the state there are a number of opportunities for further organization which will be taken up during the coming year.

In November, 1913, the Secretary attended the Second Annual Conference of Alumni Secretaries held in Chicago and received much of benefit to our own organization. This conference has developed into a strong organization, the 1913 meeting being attended by representatives from fifty-two American colleges.

The Secretary owes the Association an apology for the delayed issue of The Quarterly during the past year. Owing to the heavy volume of work falling upon the combined office of Alumni Secretary and Graduate Manager of Athletics at the opening of the college year the October number was late in publication. It was thought wise in this case to maintain the regular period of issue for the balance of the year. The news contained in each issue, however, was not old by reason of this fact.

In January of this year the special committee of the Association adopted the program for the Booster Campaign, the essential features of which were outlined in the January Quarterly. The preliminary work in preparation for the campaign is well along toward completion. The most modern addressing machinery has been installed and provides for accurate and rapid distribution of mail matter. The names of all graduates are now set up on this equipment and in addition over 1000 non-graduates of the college have been located and their correct addresses added to the new lists. The Booster Number of The Quarterly as the initial piece of publicity in the new campaign was sent to over 3000 Penn State men and women, every name now on our lists.

The inauguaration of the Booster Campaign involved an expenditure in excess of the prospective regular income for the year. To aid the project, donations of \$200.00 each were received from the College, the School of Engineering and the School of Agriculture. These gifts, however, were not sufficient to meet the total increased expense and it was necessary to draw upon the small surplus remaining in the Association treasury from the previous fiscal year.

As a most effective means of developing the loyal alumnus of the future, the Secretary has opened up a new field of activity among the undergraduate body. An effort is being made to interest all the undergraduate organizations in the projects of the General Alumni Association. Fraternities, athletic organizations, musical clubs, etc., have had the matter presented to them with emphasis upon the relation of the alumni of these clubs to the college and the club itself and each organization urged to co-operate with the General Alumni Secretary through a club alumni secretary. In this effort the Secretary is meeting with encouraging results. The development of the Class Alumni Secretary is another phase of the undergraduate work which should result in the strengthening of that unit of the alumni body. In some of the older American colleges the Class is the foun-

dation of powerful alumni organizations. To complete the organization of class secretaries in our alumni body the Secretary has canvassed to learn those classes who have such an officer and where no such position is provided for to urge the selection of a competent and "live" class secretary.

Owing to the fact that all bills for the fiscal year just closed have not been received it is not possible to present a detailed financial statement at this time. A full report properly audited will be published in the next issue of The Quarterly.

The program of the Association work under the Booster Campaign for the coming year is under careful consideration of the Board of Managers at the present time. This involves a continuation of the work already begun as noted above, a comprehensive legislative campaign, the perfection of an organization of County Clubs throughout the state of Pennsylvania, and either a change in the period of publication of the Alumni Magazine from quarterly to monthly issue or a continuation of the magazine as it is at present with the addition of a monthly publication of somewhat different form than The Quarterly. The financing of this program, however, presents a problem. In addition to the expense of a more comprehensive publication the greater volume of work demands expenditure for additional office help. As has been reported by Mr. Mitchell, the Board of Trustees of the College has contributed \$500.00 to the campaign fund and one alumnus has agreed to join with other alumni in underwriting the balance of the fund needed, pledging himself to contribute \$200.00 per year for five years. the present moment the entire fund has not been subscribed.

Before closing this report the Secretary wishes to call to the attention of the members two conditions which might be greatly improved by making better provision for them in the Constitution of the Association. (1) The percentage of alumni in active Association membership is too low. The consistent co-operation of classes, district associations and particular alumni groups such as the Varsity Club can greatly increase the ratio. It has been suggested that direct vote on General Alumni Association projects be confined to an Alumni Council of delegates from those classes, district associations and special alumni groups who maintain a certain percentage of their members in good standing in General Alumni Association membership. The Board of Managers as constituted at present would occupy the position of an executive committee of the

Council. The adoption of a scheme such as this should not only increase the General Association membership but it would greatly facilitate the handling of Association business. (2) The alumni are continually being besieged by various college and undergraduate organizations for financial support. All of the projects are no doubt worthy but the lack of co-operation among the interests seeking assistance results in waste effort and positive annoyance to the alumnus. This condition might be improved to all round advantage by the General Alumni Association, either in the annual business meeting, in the Council suggested above or in the Board of Managers, annually recommending to the alumni certain projects deserving of their support for the ensuing year."

On motion of W. M. Lowry, '84, the two recommendations contained in the last paragraph of the report of the Secretary were referred to the Board of Managers for further consideration and report.

On motion of E. W. Bush, '92, the Secretary was instructed to cast a ballot for the following Alumni Advisory Athletic Committee: A. C. Read, '92, Ch., G. R. Meek, '90, J. E. Quigley, '94, C. W. Heppenstall, '95, J. H. M. Andrews, '98.

The tellers reported the results of the election of officers for the year 1914-15, as follows: President, R. W. Williamson, '93; Vice President (3 year term), A. G. McKee, '91; Secretary-Treasurer, R. H. Smith, '05; Managers (3 year terms), R. L. Watts, '90, J. P. Jackson, '89.

On motion of W. F. White, '87, a vote of thanks was extended to R. H. Smith, Alumni Secretary, for his service during the past year.

A Committee consisting of J. L. Hamill, H. W. Mitchell and J. E. Quigley was appointed to draft a Memorial Minute to the late General James A. Beaver.

Adjournment.

R. H. SMITH, '05, Secretary.

PHI KAPPA PHI

The Phi Kappa Phi honorary society, for which only honor students of the graduating class are eligible, initiated the following students at 9:30 Tuesday:

Albert Babbitt, Paschal William Barr, Theodore Lincoln Bittenbender, James Donald Carpenter, George Washington Crawford, Joseph Fine, Wilber Carroll Gillespie, Frank Russell Gould, Walter Franklin Graham, Miss Martha Anna Hauser, Charles Frederick Henney, Russell Whedon Hill, Paul Maxwell Hittner, Charles Henry Kunsman, William Ross Little, Edward Lewis Lucking, John Nicholas Ludwig, Jr., Samuel Jay McCartney, Joseph James McGarrigle, James Dunham McVean, Rush Porter Marshall, Miss Anna Meereis, Thomas Lawrence O'Shea, Thomas Joseph Pescatore, Ralph Hammer Scharf, Dell Leon Schoenfeld, Joseph Robinson Silver, Jr., Norris Harlan Slack, Frederick Pattison Weaver, Miss Eunice Switzer Williams, Dan Ellsworth Carpenter (class 1899).

Mr. H. W. Mitchell, '90, Dr. Collings and the Rev. R. R. Reed were elected special members. After the ceremonies, the initiates marched in a body to the Auditorium to witness the alumni welcome to the Class of '64.

COMMENCEMENT EXERCISES

Commencement Day weather was ideal. By nine o'clock the campus was thronged with visitors on their way to the Auditorium, with graduates in cap and gown, and with members of the faculty in academic costume. The procession moved from the Library in the following order: The Governor of the Commonwealth, the President of the College, the President of the Board of Trustees, the Dean of the General Faculty, the College Chaplain, the Deans of the Schools, the Trustees and Official Guests, the General Faculty, the Candidates for the Honorary Degrees, the Candidates for the Advanced Degrees, and the Candidates for the Bachelor Degrees.

The graduating class filled the middle section of seats back to the pillars supporting the gallery. The class numbered three hundred and twenty-three and was distributed among schools as follows: The School of Agriculture, 126; the School of Engineering, 142; the School of Liberal Arts, 6; the School of Mining, 18; the School of Natural Science, 25; and the Department of Home Economics, 6.

The Valedictory

By James Wheaton Carpenter

Mr. President, Your Excellency, Governor Tener, Friends of our College:

Classmates, four years ago as a body of 490 green, unseasoned Freshmen we entered upon our life as college students. At that

time there were before us certain opportunities that we might avail ourselves of in our endeavor to become more useful citizens of our country. As has been so forcefully said by President Hyde, of Bowdoin, we, as college students, were greeted by the college with this proposal: 'To be at home in all lands and in all ages; to count Nature a familiar acquaintance and Art an intimate friend; to gain a standard for the appreciation of other men's work and the criticism of your own; to make hosts of friends among the men of your age who are to be leaders in all walks of life; to lose yourself in generous enthusiasm and co-operate with others for common ends; to carry the keys of the world's library in your pocket and feel its resources behind you in whatever task you undertake; to learn manners from students who are gentlemen and to form character under Professors who are Christians—this is the offer of the college for the best four years of your life.' Today, classmates, we have completed our participation in that offer. Each one of us, according to his lights, has chosen of those gifts to the best of his ability. Now in quiet contemplation as we review the past four years and think of the things that college has brought to us, there must inevitably come to our minds the thought that we have received more than we have given. True it may be that we have expended money in this college and in this community, but nevertheless we have received things which money can never repay. The precious friendships alone that we have formed here are not to be estimated in the common medium of exchange. On the other hand as we think of our gain from the college we must appreciate the fact that we are under deep obligation for our betterment. To us then as college graduates comes the realization today that in consideration of valuable things given to us while in college we are indebted and as men we are bound to offer compensation. Our obligations are three fold—we owe an incalculable debt to our parents, to our college, and to the state

First, we are under deep and lasting obligation to our families for the aid they have rendered us as we have struggled with the problems of the past four years. It has oftentimes been through their sacrifices that we have made our gains. If at times all others appeared cold and apathetic, and seemingly there was nothing in store for us but disappointment and defeat we have turned to them for courage and confidence. As we look back over the years of college life and tell in recollection our failures and successes we see,

oh, so distinctly, the loving assistance of fathers, mothers, sisters, and brothers and our hearts rejoice that we may have with us today our beloved ones as we finish one more chapter in this book of life.

Secondly we are obligated to this college that we cherish as our Alma Mater. We have shared in the blessings and the benefits that have resulted from the work of other loyal Penn State men. We have received the heritage of effort carried on since this college first opened its doors in the black days of the Rebellion. We have enjoyed the fruits of labor of those who have gone before us. We as college men and women have received much that the world cannot offer in any other place; the experience from student activities, the life in a community of good feeling and generous sympathy, the association with older and more experienced men and women, and the friendships that are golden and eternal; these are benefits that we have not yet truly appreciated. As undergraduates we have aided to the best of our abilities in preserving those verile college customs and in cherishing that strong dominant college spirit that make a college a true force in character building. In future years, with the experience of world and the testing of time upon the careers that we have started here, we shall have the opportunity, aye, the duty, of paying back to Alma Mater in some degree for the benefits we have received from her. Then when we shall see any need in our college we shall feel in duty bound to render any assistance in our power to aid the institution in marching onward to its position in the front rank of American colleges.

Thirdly, we have debts to the state, and as we think of them we need not speak for ourselves alone but for the college men and women throughout our entire country for we are all indeed wards of the state. It has well been said that the chief business of a republic is education and we stand today as the finished product of that business. We are the completed output of the national factory that expends over \$600,000,000 annually in education. We are graduates of an institution that stands as a monument to the progress and generosity of the state of Pennsylvania. We are told by economists that the college man receives three times as much as he gives. George H. Fisher recently said 'For every dollar paid by a college man for his education, some one pays \$2.12, including \$1.13 contributed by the state as an investment and 68 cents kindly donated by charity. College training would be prohibitive in cost, except to the wealthy, if the entire expense had to be borne by the student.'

No self respecting man likes to be the object of charity. If at any time he is the recipient of benevolence, he feels in honor bound to pass the favor on to some less fortunate fellow. This is the debt the college man owes to the community, to pass on to others the benefits he has received in money, earning capacity and in those higher things that money cannot measure.

Society has a right to expect more of its college trained men than it is receiving. Every college graduate owes a debt the payment of which can only take some form of public, social or civic service. No college man has the right to live a life for himself.

Thus we see, classmates, that we can not live unto ourselves alone. We are bound by the laws of man and nature to render an accounting for our benefits. We are indebted in a three fold way to our families, to our college, and to our state.

To you, our loved ones, who have followed us at every step through our college course we offer our sincere and earnest appreciation. Today amidst these scenes of victory we place our tribute at your feet. As time goes on we shall endeavor to justify the faith that you have placed in us.

To you, Mr. President, as the representative of this college, the Board of Trustees, the Faculty, and the Student Body, we pledge ourselves to the help of Penn State. As opportunities present themselves we shall answer with the best that we can give our college. As we go through life we shall remember that we are indeed 'compelled men' and we shall strive to acquit ourselves to the honor of our Alma Mater. Some of us have seen the vision of a new home life for our college men and we shall endeavor to accomplish that ideal. All of us are filled with the warmth and fire of true Penn State spirit and we shall ever strive to show our appreciation to this college and its Faculty through acts of service.

To you, Governor Tener, as the representative of the State, we pledge our lives to deeds of service for others. Ours shall be a goal of public good and not of private gain. As the problems of social, political, and economic advancement present themselves in this State we hope that we may take our share in their solution and to some extent fulfill our obligations to the Commonwealth. May we aid in carrying Pennsylvania forward and upward with the same degree of sucess that has marked your efforts.

Fellow Classmates, we stand now at the entrance of the Long Vacation. No more shall we frolic over campus ground or through

college halls, nor more shall we participate in the contests of muscle or mentality; no more shall we grasp each other by the hand or cheer each other on to untiring effort. There is nothing left to us now of our college days but the fond delights of memory. Once more we are Freshmen and this time it is in the stern school of Life. But we need not look upon the past with regret; let us remember our blessings; let us feel our obligations; let us pledge ourselves to the payment of our debts. Classmates, let us remember that we inherit the priceless gift of the ages; we are citizens of a great Commonwealth and upon us devolve the duties of true citizenship. Let us remember that the call of our age is not for opportunities but for men and we must try to answer that demand. Let us be true to our families, let us be true to our college, let us be true to our State; let us be true to ourselves; let us pledge ourselves to service as we say to Alma Mater, 'Farewell!'

The Commencement Address

In introducing the Commencement orator, President Sparks said:

"History is frequently made by precedent and precedent is made by executive action. The first meeting of the Board of Trustees of this college was held in the office of the executive of the State and the committee chosen to select a site for the college included the executive. In the fifty years of the history of the college it was to be supposed that all phases of its nature and work had been covered in executive messages and utterances; but it remained for the present governor to voice an advanced idea, to put into words a growing conviction among its citizens when he said from this platform last November, 'Owing to its peculiar relation to the State and its lack of a wealthy constituency upon whom to draw, The Pennsylvania State College in my opinion should have first consideration after the public schools in appropriating money for educational purposes.

That this statement was not made simply for effect was proved when this governor gave the largest appropriation ever made to this college, an appropriation which made maintenance and buildings more nearly commensurate with the extraordinary increase in number of students. As a further precedent, he consented to be the first governor of the Commonwealth to give the Commencement address —a precedent which I hope will be observed by later governors during their terms of office.

Under these circumstances, I present for your favor our distinguished guest and friend, His Excellency, John K. Tener, Governor of Pennsylvania."

Governor Tener spoke as follows:

"Members of the Graduating Class, Guests and Friends:

The President of this college is always flattering in his introductions. I am fond of coming up here because I always hear something new about myself when he introduces me. Once when he made some complimentary remarks about my home life, showing what a model host I was in my own house, I went back to Harrisburg greatly elated. I told Mrs. Tener all the fine things the Doctor had said. She listened patiently and then said: 'John, you must be leading a double life.' [Laughter].

I am fond of coming to this college for another reason—a reason in fact why I am here today. It is because of the peculiar work being done here. No man of affairs uses his time without planning. I am willing to give the time necessary to point out to these young men and women just what the State of Pennsylvania is doing for them.

During the early part of your lives, members of the graduating class, you were dependent upon those who gave you birth; you were small, helpless infants who must be housed and fed and clothed. You were only minor parts of a family; you produced nothing; you earned nothing. Had you remained in this condition, you would have added nothing to the world's comfort, to its prosperity, and but little to its happiness. You would have been users but never producers.

As you advanced in years, as your mental and physical faculties developed, you began to be of service about the house in small tasks and chores. These increased as the years passed and you took on the character of an assistant or aid. Still you produced little or nothing. It was said of you, 'John or Mary is in school. He or she cannot yet become a wage earner. Nothing must stand in the way of an education.' Such was the attitude of your parents. The sacrifices made by the parents of many of you will never be written, will never be known. They patiently and willingly bore their hardships

in order that you might have a preparation for life—a preparation many of them never had. To these parents who are here today I offer my congratulations.

You graduates have now spent many years in school; you have made many preparations for meeting the work of life. It is true that we call this a Commencement—a beginning of life's work. You will continue to learn, you will continue to gain experience in the school of life where tasks are harder than any set by your professors. But so far as your formal preparation is concerned, it is now at an end.

The especial thing and the very thing I want to point out on this warm morning is the fact that you entered upon your educational training a dependent factor in life. You were dependent upon others for sustenance and upon the state for an education. You leave here an independent agent. Any one of you is prepared to earn his or her living. That is what your parents and the State have done for you.

This state institution appeals to me because it furnishes a practical education for its students in addition to all the other lines of work it follows for the public good. I know what it means to face the hard tasks of actual life without adequate preparation. I contrast the situation of these young people with my own at their age and I rejoice with them in their alluring and flattering prospect in life.

To turn a dependent agency into an independent factor in life—what higher ambition could any institution entertain? What more profitable work could the state engage in than to transform these hundreds of young people from day laborers, producing only what the expenditure of so much muscular energy could produce, and to make them into foremen, managers, superintendents, inventors, improvers, who will direct by superior minds the work of thousands of laborers; who will plan better methods of doing things; who will add directly to our comfort and happiness.

This is what I conceive to be the transforming of a dependent into an independent agency; from a controlled into a self-controlled person, from a consuming into a producing unit. That is the work that Pennsylvania is doing in her State College.

Pennsylvania expects a return from you graduates. She has made an investment in you and she has a right to demand a return.

You will not be expected to pay back into the treasury of the state whatever your allotment of the taxes going into this institution may be; but you will be expected to add your share to the material prosperity of the state. You must contribute your educated labor to her general welfare. You must not only assume your share of the public duties of citizenship but you must direct others in sane lines of reasoning. The mass will always be directed by leaders. The larger the spread of intelligence, the greater the chance for the demagogue to get a hearing. The state has inculcated into you here through trained teachers the principles of sound government; you must pass it along to others.

You need not seek afar for opportunity. It is here about you. Sometimes we hear enthusiasts say of a distant land, 'That is God's country,' as if God had done everything for it, leaving nothing to man. Well, the tropics are splendid examples of God's country. Nature provides lavishly and the people are correspondingly improvident and unprogressive. I say to you that Pennsylvania is mans' country. Here God has given one of his greatest gifts—and that is opportunity. He has provided a fertile soil, abundant timber, vast mineral treasures, and a climate which is favorable to labor in the growing season, but so cold in winter that man is forced to become provident and thrifty—to lay up stores and fill granneries against the rigors of the winter's storms.

That you may appreciate fully the blessings and opportunities open to you in this state of ours and may take advantage of every legitimate opening is my earnest plea to you today. That Heaven may smile upon you and that your parents may feel amply repaid by your sucess in life is my prayer for you as you receive your diplomas and leave the sheltering walls of Old Penn State—your Alma Mater."

President's Statement

"Owing to lack of adequate space in class-rooms, laboratories and shops, only six hundred Freshmen were admitted to the college last September. More than two hundred applicants prepared to enter were rejected. The same policy must be pursued next Septtember. Notwithstanding this limitation, the upper classes maintained the average growth of the college. The total registration for the year reached two thousand nine hundred and forty-eight. Of these almost two thousand are enrolled in the regular four year

courses and are looking forward to graduation. The remainder are in the so-called "short courses" and in the Summer Session for Teachers. Two thousand six hundred and eighty are from Pennsylvania; two hundred and sixty-eight from other states and foreign countries. The corps of instructors and experimenters now numbers two hundred and fifty-one.

The gifts of the college to be announced at this time, while pitifully small when compared with those of other institutions of like size, are significant because of their varied origin. To the benefits which he has already conferred upon his Alma Mater, Mr. J. G. White adds the further beneficience of a gift of \$7,000 for the support of three scholarships in the Spanish language, one of which shall be available to a student coming from a Latin-American country. The gifts of the year also include the sum of \$6,200 from the Penn'a Federation of Women's Clubs for the support of two scholarships for women in the Domestic Science Courses. Also a gift of \$1,000 from the Daughters of the American Revolution of Pennsylvania for the maintenance of a scholarship for a woman in the Liberal Arts Courses. Also a bequest of \$8,000 from the late Norman Greenawalt Miller, an alumnus of this college, '04, for the support of the Christian Association work—'04 anniversary.

The college classes set a splendid example for persons charitably inclined. The cultural effect of music is acknowledged. In our rural situation, little opportunity is afforded to hear good music outside that supplied by ourselves. The splendid service rendered by the college choir, glee club, orchestra and band will be supplemented hereafter through the generosity of the Class of 1914 aided by a few alumni. To them the college owes the gift of this organ, which, when its setting is complete, will be not only serviceable to the college, but an ornament to this building.

The Freshman Class many years ago began an annual custom of placing a symbol on the tower of Old Main at Commencement. It was taken down in a few days and nothing permanent remained to repay the expenditure of the money. Last year the Freshman Class substituted for the symbol the ornamental lights which you will see on the front of this building. The present Freshman class, not to be outdone, has substituted for its symbol a carved sedile or chair which will be used solely for the granting of degrees at Commencements. Through an unfortunate delay, the chair is not ready for this Commencement and a substitute is used.

Death has removed from us during the year three trustees of this college:—The Hon. Marlin E. Olmsted, the Hon. J. F. Ailman, and General James A. Beaver. During the first forty years of its existence, this college went through a formative process which tried the souls of its supporters and defenders. Among these heroic figures of the past, there stand out prominently: Dr. George W. Atherton, who for twenty-four years bore the brunt of battle for public recognition and a higher scholastic standing; Mr. William C. Patterson, who at times even brought his personal credit to the financial aid of the institution; and General James A. Beaver, who as governor in 1887, signed the first regular appropriation bill for the college, whose services for forty years as Trustee contributed to the enthusiasm of the Board meetings; whose judgment in connection with the college aided in gaining the favor and confidence of the public and whose confidence in the future of the college was a never ending source of inspiration to the student body. In memory of these three friends, let us rise.

The college classes several years ago raised \$5,000 for the construction of a college hospital. Promises from friends were secured for \$10,000 more; but for various reasons most of the pledges have not been redeemed. I stand on this platform today and repeat the plea I have made during the past four Commencements for this needed building. The Class of '09 has just voted \$500 for this worthy purpose. Will not this audience pledge an equal amount

The year has been marked by a steady elevation of the student standards and ideals; the adoption of a one-year residence rule for participation in inter-collegiate athletics—the last act necessary to put this college on a par with the requirements of the largest and best institutions; the unfortunate defeat of an honor system for examinations; a continued success of the self-government plan; a cordial relationship between students and faculty; and I believe a steady growth of the college in the good-will of the people of the Commonwealth. No state institution can ever rise higher than the pride and confidence of the people will warrant. We have every reason to believe that the state will continue to support it according to its merits and every hope to believe that the college will continue to merit that support. But the college needs now above all thing a dependable means of support such as is given to the normal schools in this state and such as twenty-nine other states have given to their state institutions. This permanent annual support will enable it to

fulfill the high ambition which President Lincoln had in mind when in 1862 he signed the bill under which it was founded for the education of the industrial classes in the several pursuits and professions in life.

The name of Lincoln reminds us that the calls issued by him for soldiers to preserve the Union sadly interfered with the work of this college. Students and faculty left books and classes to take up the gun and knapsack, among them many members of the Class of '64. Today we welcome these men, survivors of that war class, accompanied as they are by one of their instructors of that day. May their devotion to their country and their loyalty to their college be an inspiration to all of us, and especially to this graduating class.

The college today confers the master's degree on thirty-one graduate students and the bachelor's degree on three hundred and twenty-three undergraduates. This class when it entered four years ago numbered four hundred and ninety. Consequently we graduate sixty-six per cent. of those entering. Last year the percentage was sixty-four; five years ago 49 per cent.

This class goes forth bearing our high hopes that the high standard of right conduct, of Christian service, and of devotion to duty which has especially characterized it, will continue as its members are separated and that they will take up their share of the alumni task of justifying by lives of usefulness the expenditures made by the state on this institution.

ALUMNUS HEADS BOARD OF TRUSTEES

At the annual meeting of the Board of Trustees of the College held on Monday, June 8th, Mr. H. Walton Mitchell, '90, was elected to the position of President of the Board to fill the vacancy caused by the death of General James A. Beaver.

Mr. Mitchell comes to this position of high honor and great responsibility with especial qualifications for its duties and is the first alumnus of the College to hold the place in the history of the institution. First elected a trustee in June, 1902, his twelve years of faithful and noteworthy service, his intimate knowledge of college history and conditions and his close association with the dominant figures in the administration of affairs particularly fit him for the work. He has served for a number of years as Vice President of the Board and during the protracted illness of General Beaver was

its acting President. Mr. Mitchell is a member of the law firm of McKee, Mitchell and Alter, of Pittsburgh.

Mr. J. G. White, '82, of New York City, was elected Vice President of the Board, and Judge Ellis L. Orvis, '76, of Bellefonte, was made a member of the Executive Committee.

As a result of the election of trustees by the delegates from the county agricultural and engineering societies, Messrs Vance McCormick, of Harrisburg, W. H. Patterson, of Clearfield, and C. M. Schwab, of Bethlehem, were re-elected for three year terms, and Mr. E. R. Pettebone, of Scranton, Chief Engineer of the coal department of the Delaware and Hudson Railroad Company, was chosen for the three year term to succeed the late J. T. Ailman. Mr. L. T. McFadden, of Canton, Pa., President of the State Bankers' Association, was elected to fill the vacancy caused by the death of General Beaver whose term did not expire until June, 1915.

J. L. Hamill, '80, H. W. Mitchell, '90, and J. F. Shields, '92, were re-elected for three year terms by the alumni.

PROGRESS ON NEW BUILDINGS

All the additional college buildings provided in the appropriation of the last legislature are under construction but only two or three will be available for student use by the opening of college in September.

The two upper stories of the Horticutural Building have been finished and the structure is now in use. The Number Three Engineering Unit is receiving the finishing touches and will be in service in September. The Liberal Arts Building, the Stock Judging Pavilion and the Dairy Barn are well along towards completion. Excavation for the Mining and Natural Science Buildings has been started. The new home of the University Club, erected by private subscription among the club members, will shortly be ready for occupancy.

A full description together with photographs and layout of the campus showing the plan of present and future building construction will appear in a subsequent issue of The Quarterly.

COLLEGE NEWS EDITOR APPOINTED

Probably no one thing has called forth more universal complaint among alumni than the unsatisfactory reports of Penn State news in the daily press. The college authorities have for a long time appreciated the situation and at the June meeting of Board of Trustees took steps to improve general publicity conditions by creating the position of College Editor.

It will be the duty of the College Editor to supply general news of the college and its various interests to the city and country newspapers and special articles to the technical and professional publications, to edit college catalogs and bulletins, to act as advisor to student publications and to offer instruction in elementary journalism in the department of English.

Mr. Albert O. Vorse, a special writer on the Philadelphia Public Ledger, has been offered the new position and in all probability will accept. Mr. Vorse received his B. A. degree at Bucknell University in 1905 after which he was employed as a reporter on the Public Ledger. After several years in this work he became a special writer on conservation topics. To further equip himself he entered the Forestry School of Yale University where he received his M. A. degree and then returned to the Public Ledger.

REVIEW OF SPRING ATHLETICS

Playing one of the hardest schedules faced by a Penn State team in years, the 1914 baseball "rookies" materially improved upon the record of the more veteran 1913 team. During the season just closed 22 games were played, 13 were won, 8 lost and one resulted in a tie score. The 1913 record was 10 victories out of 20 contests.

This record was gratifying as the expectations were that the 1914 season would be largely a period for the development of material for the following year. The withdrawal from college at the end of the first semester of Captain Wardwell came as a severe blow, leaving the pitching staff short handed with the burden of work on Hasselbacher and Liebert. Liebert, late in the season, fell off in his usual effectiveness further aggravating the situation. Vogt, '15, catcher, Bob Craig, '14, Shorty Miller, '14, Crawford, '15, and Kominars, '16, outfielders, were the only seasoned men Coaches

Manning and Haverstick had as the nucleus for a team, leaving an entire infield to be developed. At the end of the indoor and early season outdoor experimental period the first varsity lineup was as follows: Catcher, Vogt, '15; first, Robinson, '17; second, Craig, '14; short, Weber, '16; third, Blythe, '17; right field, Crawford, '15; middle, Captain Miller, '14; left field, Josephson, '16; pitchers, Hesselbacher, '16; Liebert, '15; and Tobin, '15. The team was perhaps above the average college nine in fielding and base running but uncertain at the bat.

Gordon Vogt, '15, of Emporium, Pa., was unanimously elected Captain of the team for the season of 1915. Vogt is distinctly a Penn State product. A graduate of the inter-class league he has developed into one of the best backstops who ever wore the blue and white and, as a man who holds the confidence of the players, should make a most able leader.

Samuel H. Miller, '14, of Mercer, Pa., is the Manager-elect for the coming year.

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The summary of the season:
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Penn State, 3; Univ. of North Carolina, 0.
Penn State, 5; Trinity College (N. C.), 1.
Penn State, 2; Washington & Lee, 10.
Penn State, 1; Univ. of Penn'a., 2—11 innings.
Penn State, 3; Villanova, 1.
Penn State, 3; Villanova, 3.
Penn State, 5; West Virginia Univ., 1.
Penn State, 4; Lafayette, 10.
Penn State, 5; Univ. of Vermont, 3.
Penn State, 5; Dartmouth, 1.
Penn State, 2; West Point, 7.
Penn State, 4; Princeton, 7.
Penn State, 6; Franklin & Marshall, 2.
Penn State, 6; West Virginia Wesleyan, 5—12 innings.
Penn State, 11; Washington & Jefferson, 1.
Penn State, 3; Pitt, 6.
Penn State, 2; Carnegie Tech., 6.
Penn State, 5; Ursinus, 4—11 innings.
Penn State, 7; Pitt, 4.
Penn State, 6; Chinese Univ. of Hawaii, 8.
Pitchers records for the season:
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	Won.	Lost.
Hasselbacher	9	3
Liebert		4
Tobin	0	1
* * * *		

Winning a first place at the Penn Relays for the first time since 1901, scoring an overwhelming victory in the Western Penn-

sylvania Intercollegiates, decisively defeating Pitt in dual meet, the establishment of two new Penn State records and the winning of a place in the National Intercollegiates at Harvard is the story of the 1914 track season in brief.

Coach Martin is bringing to the fore this branch of Penn State athletic activity which in the past has received little encouragement and is gradually building the sport to the point where Penn State will annually make a showing in the big Intercollegiates.

In the dual meet with Pitt at Commencement time, White, '16, set up a new local record of 21\frac{4}{5} seconds in the 220 yard dash while Page, a freshman who could not do over 10 feet 6 inches when he entered college, established a new record of 11 feet 7 inches.

E. P. Hammitt, '16, of Apollo, Pa., a point winner in the hurdles at the National Intercollegiates, has been elected Captain of the 1915 team with G. S. Denithorne, '15, of Huntingdon, Pa., as Manager. Coach Martin has been re-engaged for another year.

* * * * *

Penn State's second year of varsity lacrosse, although not a victorious one, showed a marked improvement in the players individual skill. Our men with whom the game is so new have much to learn in team play. That this development will gradually come was indicated by the performance of the team against such seasoned aggregations as Hobart and Carlisle.

The summary of the season:

Penn State, 6; Baltimore City College, 0. Penn State, 1; Univ. of Penn'a, 4. Penn State, 8; Baltimore Polytech., 5. Penn State, 3; Hobart College, 10. Penn State, 1; Carlisle Indians, 7.

Walter Farley, '16, who has done so much to develop this interesting sport, has been elected to the Captaincy for the third time.

* * * * *

Penn State still falls short of turning out a winning tennis team. University of Pittsburgh twice defeated us by the same score of 6 to 1, while our players registered victory over Carnegie Tech. 6 to 0, and over Westinghouse Club 4 to 2.

PENN STATE ADOPTS ONE YEAR RULE

At a monster student mass meeting on April 29th the "One Year Residence Rule" was unanimously adopted to go into effect September, 1915. By this action Penn State is placed on the same eligibility plane as Yale, Harvard, Princeton, Penn, Cornell, Dartmouth, Syracuse and the leading colleges and universities of the west, and should accordingly be able to improve its athletic relations with those leading colleges.

An interesting feature in the endorsement of the new rule was that over 1200 students out of the total of 2100 turned out to vote on the proposal and not a dissenting voice was heard. As the one-year rule has been under discussion for over a year among Alumni and undergraduates this fact indicates deliberate action.

The new ruling is delayed in enforcement until September, 1915, to give the athletic authorities ample time in which to perfect the system of all-year-round coaching and the organization of training for first-year men.

Under the one-year rule between 1600 and 1700 men will be eligible for intercollegiate athletics. Based on figures of the present year this gives Penn State more men to draw from than Harvard, Yale or Princeton.

The revised Eligibility Code involving the One-Year Rule is as follows:

"A student of the Pennsylvania State College to be eligible for Intercollegiate Athletic competition must be fully matriculated and in good standing in any one of the four year courses of collegiate grade."

"No student of The Pennsylvania State College shall be eligible to compete in any Varsity Intercollegiate contest until he has completed one year of residence as a student in any regular four-year collegiate course."

"No student shall be eligible for Intercollegiate Athletics who has previously competed for three years either in this or any other college of equal scholastic standards."

"No student who has received a Bachelor's Degree from this college or any other college of equal scholastic standards shall be eligible for Intercolegiate Athletics."

"Any questions of interpretation of these rules shall be submitted to the Alumni Advisory Committee for adjustment."

ALUMNI NOTES

Births

'91—On March 3, 1914, a son was born to Mr. and Mrs. D. M. Taylor, of Cleveland, Ohio.

'04—Mr. and Mrs. H. C. Ray announce the birth of an eight pound boy on July 13.

'05—Henry Herbert Arnold, born April 4, to Mr. and Mrs. Thomas H. Arnold, of Allentown ,Pa.

'05—Frank E, Yoder, Jr., was born at Newark, N. J., on May 26, 1914. "Billy" reports that the young man "weighed in" at nine and a half pounds.

'10—Through an oversight The Quarterly failed to announce in a previous issue the birth of a daughter, Mary Edith, to Mr. and Mrs. P. B. Jacobs, of Fairmont, W. Va., in July, 1913.

Marriages

'62—Thomas P. Roberts, of Pittsburgh, a member of the class of '62, announces the marriage of his daughter, Mary Brunot, on June 17, to Lieut. Francis K. Newcomer, U. S. A.

'07—H. D. Mason, Jr., better known to the alumni as "Joe" Mason, was married on April 20th to Blanche Odell Frye, daughter of Mr and Mrs. John H. Frye, of Charleroi, Pa. "Joe" is with the United States Bureau of Mines with headquarters in Pittsburgh, Pa.

'10—Mr. and Mrs. H. Z. Cramer announce the marriage of their daughter, Bernice, to Rev. Wayne O. Kantner, June 22, at Battle Creek, Mich.

'II—The marriage of Lowrie C. Barton, Jr., to Elizabeth Baker, daughter of Mr. and Mrs. Thomas D. Baker, of Lewisburg, Pa., was solemnized on April 29th at the home of the bride. Mr. and Mrs. Barton are living in Overlook Park, Cincinnati, Ohio.

'11—John Marshall Snyder was married on July 15th to Ada Caroline Pattee, of Billings, Mont. The "at home" cards announce Billings after September first.

'11—Harry Bubb was united in marriage to Grace Alleine Geiple, of Glenn Rock, Pa., on June 1st. Mr. and Mrs. Bubb will live in Cokedale, Colorado.

'11—Mrs. Ada L. Chesnut, of Pittsburgh, Pa., announces the marriage of her daughter, Sara Edith, to William M. Riddle, on July 9th.

'11-Clarence R. Stewart was married on June 23rd to Miss Carrie E. Bracken, of Homer City, Pa. Mr. and Mrs. Stewart are living at Camp Merrill, Pittsfield, Mass.

'11-T. D. Harman, Jr., and Elizabeth Renick Weldon, of Cir-

cleville. Ohio, were united in marriage on April 21st.

'11-John F. Forsythe was married on March 25th to Vera Octavia Watson, daughter of Mr. and Mrs. W. S. Watson, of Butler, Pa. Mr. and Mrs. Forsythe are living in Newport, Washington.

'12-Richard C. Harlow and Lila Naivette Gilpin, of Laanna, Pa., were married at the home of the bride on June 30th, "Dick" was ably supported in the ceremonies by two of his former football teammates, "Pete" Mauthe and "Dutch" Herman. Mr. and Mrs. Harlow will reside in State College where Dick is in charge of football activities.

'12-Clinton D. Gilpin and Miss Frances Hollister Killam, of Paupack, Pa., were married on June 27th.

'12-Harold L. Borden was united in marriage to Miss Kathryn L. Hamilton, of Whitewater, Colorado, on May 5th. Mr. Borden is in the United States Forest Service on the Gunnison National Forest with headquarters at Gunnison, Colorado.

Deaths

'99-One victim of the tragic Missouri Athletic Club fire in St. Louis on the night of March 8th was J. Luther Haehnlen, a prominent Penn State alumnus. The fire, which completely destroyd the club house, broke out about 2:00 A. M. The room in which Mr. Haehnlen was sleeping was on the sixth floor of the building in that portion of the building above the third floor which collapsed. The body was not recovered until March 13th. Mr. Haehnlen had recently moved to St. Louis from Woodward, Alabama, to assume charge of construction of the new by-product coke plant of the Laclede Gas Co.

LOST

The Secretary will appreciate any information as to the whereabouts of the men contained in the following list:

1865-Frank Crook, W. W. McLanahan.

1866-W. E. Judson.

1878-Anna H. Stackhouse. 1879—G. W. Johnstonbaugh. 1882—E. W. Saphore.

1891—Hugh Hamilton, Jr.

1897-L. L. Leisher.

1905-C. P. Ames, E. D. Gerber, A. Hart, Jr., E. Koehler, W. K. Myers.

1906—Edw. Fawkes, H. H. Hollinger, J. K. Mentzer.
1907—C. N. Bainbridge, E. R. Bitler, C. D. Conklin, W. A. Fallon, R. K. Gunkle, A. G. Lang, H. M. Lewis, N. P. McCallum, M. A. Mitchell, S. W. Price, B. A. Smith, H. E. K. Stapler.

1908-H. H. Braucher, C. S. Buller, J. P. Hand, LeRoy Harley, G. G. Jones, E. J. Moore, C. L. O'Donnell, J. A. Sharp, Allen Simon, C. F. Thach-

er, J. B. Wyckoff. 1909—T. R. Butler, S. L. Cyphers, W. M. Ferguson, H. H. Glenn, W. E. Martin, D. Panaini, G. J. Purcell, Spangler Ricker, J. F. Rodabaugh, F. B. Schoch, H. J. Stock, J. M. Stoughton.

1910—J. M. Angle, C. E. Britt, Robt. Buka, D. C. Ellinger, C. E. Faber, W. K. Graeff, D. M. Ober.

1911—J. S. Burns, P. C. Kaiser, R. S. Statler, F. C. Stewart, J. C. Wallace.

1912-A. J. Jaenicke, H. H. Woodward.

RANKING OF CLASSES.

According to Alumni Association Membership for the Year Ending June 1, 1914.

The following record takes no account of the new members of the Association who affiliated before the end of the fiscal year with membership to apply on the year 1914-1915.

Please note also that during the coming year the method of computing this table will differ from that used in the past year. The series of tables published for the year 1913-14 (except the one given herewith), listed as active members a number of alumni who had been regular members of the Association during the preceding year but who were delinquent for the current year at the time the magazine went to press. This course was followed on the assumption that those who were delinquent would remit their dues before the close of the year. Future tables, however, will take into account only the number of alumni who have paid their dues at the time the magazine goes to press.

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WORDS OF WISDOM

By The Treasurer

The sum of money spent by the General Alumni Association last year for the printing and postage used in collecting annual dues was large enough to pay the cost of an additional issue of the Quarterly. Second, third and, in some cases, fourth notices had to be sent to some members. When remittance of the delinquent dues was finally made, the sender invariably ascribed his tardiness to pure negligence.

Prompt payment of alumni dues means a better alumni publi-

cation. * * * * *

Boost your class out of its present place in the "Rank of Classes According to Association Membership." Pay your own dues promptly and urge your classmates to do likewise. Ask the Alumni Secretary to send you a list of the members of your class who are not affiliated with the General Alumni Association and do a little boosting among those fellows you know real well. An increased income to the Association from membership fees increases the value of your own Two Dollars—more funds for the Penn State Booster Campaign and a better alumni magazine to you.

It is very probable that within the next few months the Alumni Quarterly will be supplemented by a monthly publication—we believe you want to hear from your old College oftener than every three months. This new venture, however, will call for an increased income and will need your co-operation to make it a permanent thing. Boost for more Boosters.

* * * * *

It may be impossible to send out bills for 1914-15 dues and get full returns before the next issue of The Quarterly goes to press. In such a case the table showing the Ranking of Classes According to Association Membership will record the members who have remitted their dues without waiting for a bill. Don't wait for a bill. Help cut the cost of collecting dues. You may be one of those who has already paid for 1914-15. If not, use the blank below, NOW.

R. H. SMITH, Treasurer,

The Alumni Association,

120 Main Building, State College, Pa.

Herewith is TWO DOLLARS (\$2.00) to cover dues in the General Alumni Association and Quarterly Subscription for the year 1914-15.

Name	 	Class
Mailing Address	 -	

(Unless there is a change, give your mailing address the same as it appears on your Quarterly envelope.)

DIRECTORY OF GRADUATES

OF

THE PENNSYLVANIA STATE COLLEGE

A list of graduates arranged according to year of graduation, giving degrees received, courses of study taken, present occupation and mailing address.

An index of graduates arranged according to geographical location.

An alphabetical index.

Corrected to July 1, 1914.

DIRECTORY OF GRADUATES

The Pennsylvania State College

In the record of alumni as listed by classes it is aimed to give the following information: (1) Name; (2) Degree received on graduation and course of study taken; (3) Advanced degrees and date received—unless the name of another college or university is in parenthesis after the notation of the degree it will be understood that the advanced degree was conferred at the Pennsylvania State College; (4) Occupation; (5) Mailing address

The Secretary requests any corrections or additions that will bring the record of each alumnus up to date.

The abbreviations used for the courses of study are as follows:

Agri. Chem. (Agriculture Chem-Agri. (Agriculture). Agron. (Agronomy). An. Hus. (Animal Husbandry). Biol. (Biology). Chem. (Chemistry). Civ. Eng. (Civil Engineering). Class. (Classical).
Dairy Hus. (Dairy Husbandry). Elec. Eng. (Electrical Engineering). Electro Chem. (Electro-Chemistry). Gen. Sci. (General Science). Hist. and Pol. Sci. (History and Political Science). Home Econ. (Home Economics). Hort. (Horticulture).

Hwy. Eng. (Highway Engineering). Ind. Eng. (Industrial Engineer-Ind. Chem. (Industrial Chemistry). Lat. Sci. (Latin Scientific). Lib. Art. (Liberal Arts). L. G. (Landscape Gardening). Mech. Eng. (Mechanical Engineer-Met. (Metallurgy). Min. Eng. (Mining Engineering). Mod. Lang. and Lit. (Modern Language and Literature). Nat'l. Hist. (Natural History). Phys. and Chem. (Physics and Chemistry). San. Eng. (Sanitary Engineering.)

CLASS OF 1861

Banks, John N., B. S. (Agri.); M. Sci. Agri. ('65); M. S. (Honorary) ('11);
Lawyer; Indiana, Pa.
*Church, A. C., B. S. (Agri.); M. S. (Honorary) ('11).
Eckman, J. W., B. S., (Agri.); M. S. (Honorary) ('11); General Manager
Pulaski Iron Works; Pulaski, Va.

*Holliday, Samuel V., B. S. (Agri.)
Isett, J. Henry, B. S. (Agri.); M. S. (Honorary) ('11); Farmer; Isett, Pa.
*Isett, John D., B. S. (Agri.)

Lytle, Milton S., B. S. (Agri.); M. A. (Honorary) ('11); Lawyer; 4836

Walton Ave., Philadelphia, Pa.

McCormick, E. P., B. S. (Agri.); M. S. (Honorary) ('11); Lawyer; 520

Walnut St., Philadelphia, Pa.

*Miles, James, B. S. (Agri.)
Smith, C. Alfred, B. S. (Agri.); M. S.; ('72); M. S. (Honorary) ('11);
President, McIntosh Battery & Optical Co., 227 Washington St.,
Chicago, Ill.; Res., 913 Lee St., Evanston, Ill.
Troutman, C. E., B. S. (Agri.); M. S. (Honorary) ('11); National Soldiers
Home, Tenn.

*Troutman, Lynn C., B. S. (Agri.)

^{*}Deceased

CLASS OF 1862

*Alexander, J. P., B. S. (Agri.)

war. Degree of M. Sci. Agri. granted in '65; M. A. (Honorary) ('12); Treasurer of the Pennsylvania State College; Lemont, Pa.

*Walker, Thomas P., B. S. (Agri.); Watts, Frederick, B. S. (Agri.); M. S. (Honorary) ('12); 543 Philadelphia Ave., Chambersburg, Pa.

CLASS OF 1863

*Blee, Daniel B., B. S. (Agri.)
*Gordon, J. D., B. S. (Agri.)
*Gordon, Theodore B., B. S. (Agri.)
Kisterbock, Josiah, Jr., B. S. (Agri.); M. S. (Honorary) ('13); Aldine
Hotel, Philadelphia, Pa.
Mills, W. W., B. S. (Agri.) M. S. (Honorary) ('13); Machinist; Box 95
Ariel, Pa.
Myers, S. S., B. S. (Agri.); M. S. (Honorary) ('13); Music copying, transposing and arranging; 26 So. 43rd St., Philadelphia, Pa.

CLASS OF 1864

(Owing to an interruption of four months, caused by the absence of the Senior Class in the army as Hundred Days' Men, no class was graduated in 1864.)

*Elder, Thomas, A., B. S. (Agri.); M. D. (Bush Md. College, Bellevue Hospital Med. College).

Jones, Araspas, A. C. A., B. S. (Agron.); Degree granted in 1913; M. S. (Honorary) ('14); Duluth, Minn.

*Morrow, Henry W., B. S. (Agri.) Degree granted June 30, 1886, as of

1864.

CLASS OF 1865

Blickensderfer, U., B. S. (Agri.); Retired; Ainsworth, Ind. Crook, Frank, B. S. (Agri.); Address and occupation unknown.
*Eldred, John E., B. S. (Agri.); M. S. ('84).
*Milligan, Frank, B. S. (Agri.)
McLanahan, W. W., B. S. (Agri.); Address and occupation unknown.
Stokes, Frank, B. S. (Agri.); Address and occupation unknown.

CLASS OF 1866

Barrick, David H., B. S. (Gen. Sci.); Retired; Bradentown, Fla.

^{*}Deceased

*Boardman, Townsend H., B. S. (Gen. Sci.).

*Boardman, William T., B. S. (Gen. Sci.).

Breneman, A. A., B. S. (Gen. Sci.); M. S. ('71); Analytical and Consulting Chemist and Chemical Expert; 97 Water St., New York, N. Y.

*Gordon, Cyrus, B. S. (Gen. Sci.); M. S. ('84).

Hamilton, Hugh, B. S. (Gen. Sci.); M. S. ('84); M. D. (U. of Pa. '71); Physician; 315 Walnut St., Harrisburg, Pa.

Judson, William E., B. S. (Gen. Sci.); Address and occupation unknown.

*Phillips Howard, B. S. (Gen. Sci.)

*Phillips, Howard, B. S. (Gen. Sci.).

CLASS OF 1867

(Owing to changes in the course of study, no class was graduated in 1867.)

CLASS OF 1868

*Buckhout, William A., B. S. (Agri.); M. S. ('74); Dr. Sci. ('04).
Cessna, Daniel, B. S. (Gen. Sci.); Grocery Salesman; Bedford, Pa.
*Clark, Clarence H., B. S. (Gen. Sci.).
Comstock, Theodore B., B. S. (Agri.); B. S. (Cornell Univ. '70); Dr. Sci.
(Cornell Univ. '86); Consulting Mining Engineer and Pres.
California Farm and Home Builders; 909 Van Nuys Bldg., Los Angeles, Calif.
Cram, Roys J., B. S. (Agri.); Retired; 26 Hancock Ave., Detroit, Mich.
*Hiester, Gabriel, B. S. (Agri.).

Huster, Gabriel, B. S. (Agri.).

Hughes, Harry, B. S. (Gen. Sci.); M. S. ('84) M. D. (College of Phys. and Surg., N. Y., '73); Physician; Long Branch, N. J.

Stavely, Joseph H., B. S. (Scientific); Lawyer; Lyndon, Kan.

Tuttle, Albert H., B. S. (Gen. Sci.); M. S. ('74); Professor of Biology and Agriculture in the University of Virginia; 1 West Lawn, University of Virginia, University, Va.

CLASS OF 1869

Stackhouse, William M., B. S. (Gen. Sci.); Druggist; Emilie, Pa.

CLASS OF 1870

Cram, Arthur B., B. S. (Gen. Sci.); M. S. ('84); Architect; 60 Forest Ave., Detroit, Mich.

*Forman, Frederick W., B. S. (Gen. Sci.).
*Galbraith, William W., B. S. (Gen. Sci.); M. S. ('84).

CLASS OF 1871

*Burrows, Francis S., B. S. (Gen. Sci.). Hamilton, John, B. S. (Agri.); M. Agr. S. ('71); Farmer; State College, Pa. *McCreary, Pitt L., B. S. (Gen. Sci.); M. S. ('76).

CLASS OF 1872

(Owing to changes in the college year, no class was graduated in 1872.) Wright, Frederick P., B. S. (Scientific) Degree granted 1913; Merchant and Manufacturer; 574 Summit Ave., St. Paul, Minn.

CLASS OF 1873

Allison, William M., B. S. (Gen. Sci.); Milling and Farming Business; Spring Mills, Pa.

*Bruner, William S., B. S. (Gen. Sci.). *Ewing, Rebecca H., B. S. (Gen. Sci.).

*Isett, William D., B. S. (Gen. Sci.).

McKee, Chas. H., B. S. (Gen. Sci.); M. S. ('84); Member of Law Firm of

McKee, Mitchell & Alter; Park Building, Pittsburgh, Pa.

^{*}Deceased

CLASS OF 1874

*Burkholder, Thomas W., B. A. (Class.); M. A. ('78).

Campbell, Curtis G., B. S. (Gen. Sci.); Johnstown, Pa.

Crumbaugh, Frederick, B. A. (Class.); M. A. ('84); Lawyer; 3321 South
Park Ave., Chicago, Ill.

*Downing, Orrien P., B. S. (Gen. Sci.); Ph. B. ('77, Columbia Univ.).

Easley, Samuel A., B. S. (Gen. Sci.); Stock Farmer; Georgetown, Texas.

*Ellis, J. Alder, B. A. (Class.).

Thompson, William H., B. S. (Gen. Sci.); Farmer; Kelton, Chester Co., Pa.

CLASS OF 1875

*Calder, William, B. S. (Gen. Sci.); M. S. ('79).
Glenn, J. Edwin, B. A. (Class.); Clerk, Pittsburgh, Cincinnati and St.
Louis Railroad Co.; Carnegie, Pa.
*Sloan, James F., B. S. (Gen. Sci.); M. S. ('78).
*Wallace, John J., B. S. (Gen. Sci.); M. S. ('81).

CLASS OF 1876

Barrows, Ross W., B. S. (Gen. Sci.); Secretary and Treasurer, Clinton Trust Co.; 303 W. Main St., Lock Haven, Pa.

*Calder, Charles M., B. A. (Class.); M. A. ('79).

Keller, B. Franklin, B. S. (Gen. Sci.); M. S. ('84); LL. D. (Columbian Univ. '03); U. S. District Judge; 1111 Virginia St., Charleston, W. Va.

Manley, William M., B. S. (Agri.); Farmer; Diamond Springs, Kan. Orvis, Ellis L., B. A. (Class.); M. A. ('78); President Judge of the 49th Judicial District; Bellefonte, Pa.

Stull, James M., B. S. (Gen. Sci.); Lawyer; Salt Lake City, Utah. York, Chauncey F., B. S. (Gen. Sci.); Manufacturer of Drug Specialties; Second and York Aves., Detroit, Mich.

CLASS OF 1877

Barlow, Thomas W., B. S. (Agron.); Degree granted in 1910; Lawyer; 122 South 13th St., Philadelphia, Pa. Calder, A. Russel, B. A. (Class.); M. A. ('88); Metallurgist, Steel Foundry Dept. of the Pennsylvania Steel Company; 2200 Belle-

vue Road, Harrisburg, Pa.

Landis, George A., B. A. (Class.); M. A. ('84); Presbyterian Missionary;
Florianapolis, Brazil, S. A.

Ray, Sylvester D., B. A. (Class.); Owner and Manager Bellefonte Shirt
Factory; Bellefonte, Pa.

CLASS OF 1878

Christie, Edward H., B. A. (Class.); M. A. (82); Principal of Hodgen School; 5069 Kensington Ave., St. Louis, Mo.

Knoche, Frank, B. S. (Gen Sci.); Music Dealer; 308 Hummel St., Harrisburg, Pa.

Reeves, Charles F., B. S. (Gen. Sci.); M. S. ('81); U. S. Customs Service; 4311 10th Ave., N. E., Seattle, Wash.

Rupert, William W., B. A. (Class.); Farmer; Zion, Pa.

Stackhouse, Anna H., B. S. (Gen. Sci.); M. S. ('84); Address unknown.

Stallknecht, August C., B. S. (Gen. Sci.); Secretary, U. S. A. Grease Co.; 2539 Perrysville Ave., Pittsburgh, Pa.

^{*}Deceased.

Foster, William K., B. A. (Class.); M. A. ('84); D. D. (Princeton Theological Sem. '82); Presbyterian Minister; 443 York Ave., Jenkinstown, Pa.

Greenawalt, Frank B., B. S. (Gen. Sci.); With Thomas Cook & Son; 245 Broadway, New York, N. Y.; Red Bank, N. J. Heston, John W., B. A. (Class.); M. A. ('82); President Normal School;

Madison, S. D. Houtz, Thomas C., B. A. (Class.); M. A. ('86); Sc. D. (Susquehanna Univ. '94); Professor Mathematics and Astronomy, Susquehanna Uni-

versity; Selinsgrove, Pa.
Johnstonbaugh, George W., B. S. (Gen. Sci.); Address and occupation un-

known.

Leitzell, Stuart M., B. S. (Gen. Sci.); M. S. ('88); Clerk U. S. Civil Service Commission; 130 R. St., N. E., Washington, D. C. Smith, Allison O., B. S. (Gen. Sci.); M. S. ('84); LL. B. (Univ. of Penna. '82); Attorneyat-Law; President Judge 46th Judicial District of

Penn. from 1904 to 1914; 101 No. Second St., Clearfield, Pa.

CLASS OF 1880

Hamill, James L., B. A. (Class.); M. A. ('85); LL. B. (Univ. of Mich. '85);
Lawyer; Harrison Building, Columbus, O.

*Hickman, John F., B. S. (Agri.); M. Ag. ('83).

*Hunter, Esther E., B. S. (Gen. Sci.).

McCombs, J. Kelly, B. S. (Gen. Sci.); 30th & Ames Sts., Omaha, Neb.

Reber, Louis E., B. S. (Gen. Sci.); M. S. ('83); D. Sc. ('80); Hon. Dr.
Sci. ('08); Dean, University Extension, University of Wisconsin;
630 No. Frances St., Madison, Wis.

Rishel, George P., B. A. (Class.); M. A. ('84); M. D. (Univ. of Penna. '83);
Physician; 2035 Diamond St., Philadelphia, Pa.

*Robb, James F., B. S. (Gen. Sci.); M. S. ('85).

CLASS OF 1881

*Chambers, Edward R., B. A. (Class.); M. A. ('86).
Davison, Neville C., B. S. (Agri.); M. S. ('86); Of the firm of N. C. Davison Co., Merchant Engineers; Keenan Building, Pittsburgh, Parking Co., Etters, David O., B. A. (Class.); M. A. ('86); Supt. of Public Schools of Centre County: State College, Pa.

CLASS OF 1882

Canfield, Albert E., B. A. (Class.); 807 Newhouse Building, Salt Lake City, Utah.

Chadman, George S., B. S. (Gen. Sci.); Lawyer; Lamartine, Pa.

*Dale, Edwin, B. A. (Class.).
Dale, Horace C., B. A. (Class.) M. A. ('88); Cashier of the Stockman's
Bank; Rushville, Neb.

*Dale, John M., B. S. (Gen. Sci.); M. S. ('88)

McCreary, Irvin P., B. S. (Gen. Sci.); M. S. ('88); County Surveyor of Erie County; 1123 Liberty St., Érie, Pa.
Saphore, Edwin W. B. A. (Class.); Clergyman; address unknown.

Tait, Robert, B. S. (Agri.); M. Ag. ('88); Retired Merchant; Box 796,
Norfolk, Va.

Norfolk, Va.

White, James G., B. A. (Class.); M. A. ('85); Ph. D. (Cornell Univ. '85);

President, J. G. White & Company, Inc.,; Chairman, The J. G.

White Engineering Corporation; Chairman, The J. G. White

Management Corporation, 43 Exchange Place, New York, N. Y.;

President, Engineering Securities Corporation, 37 Wall St., New

York, N. Y.; Chairman, J. G. White & Company, Ltd., 9 Cloak

Lane, London, E. C., England; Chairman, Municipal & General

Securities Company, Ltd., 3 Lombard St., London, E. C., England; Residence, 116 Riverside Drive, New York, N. Y.

^{*}Deceased

CLASS OF 1883

*Butz, George C., B. S. (Gen. Sci.); M. S. ('88).
Calder, William C., B. A. (Class.) M. S. ('86); Baptist Minister; Frankford, Philadelphia, Pa.
*Gray, William E., B. S. (Gen. Sci.); M. S. ('89).
Hollis, Joseph H., B. S. (Gen. Sci.); Engineer; Yeagertown, Pa.
*Laughman, Ira J., B. A. (Class.).

CLASS OF 1884

*Alexander, James W., B. S. (Gen. Sci.).

Healey, John F., B. S. (Civil Eng.); Vice-Pres. of the Consolidated Fuel
Co., Panther Coal Co., Castle Valley Coal Co., Carbon-Emery
Stores Co., Black Hawk Coal Co.; 810 Kearns Bldg., Salt Lake

City, Utah.

Lowry, Milton W., B. A. (Class.); M. A. ('89); Lawyer; 416-417 Board of
Trade Bldg., Scranton, Pa.; Res., 601 Clay Ave., Scranton, Pa.

Reeves, Joseph W., B. S. (Gen. Sci.); Johnstown, Pa.

CLASS OF 1885

Barrett, Jacob C., B. S. (Gen. Sci.); Supt. Blast Furnaces, Carnegie Steel

Co.; Youngstown, Ohio.

Chesney, Cummings C., B. S. (Phys. and Chem.); Manager and Chief Engineer, Pittsfield Works of the General Electric Co.; 74 Dawes Ave., Pittsfield, Mass.

Jackson, Calvin, B. S. (Phys. and Chem.); Inventor and Manufacturer; 529 Robi son St., Reading, Pa.

Jackson, Dugald C., B. S. (Civ. Eng.); C. E. ('88); Professor Electrical Engineering, Mass. Institute of Technology; 51 Upland Road, Brookline, Mass.

Jackson, Helen, (Mrs. L. E. Reber), B. S. (Gen. Sci.); 630 No. Frances St., Madison, Wis.

Nishkian, Pusant F., B. S. (Gen. Sci.); Chemist; Kansas City, Mo.

Patterson, Emma B., (Mrs. A. L. Miller), B. S. (Gen. Sci.); Lock Haven, Pa.

Reber, Owen, B. A. (Class.); A. M.; Pastor Lutheran Church; Fredericks-burg, Pa.

Roberts, David E., B. S. (Gen. Sci.); (Degree granted in 1908); Acting Chief, Division of Prints, Library of Congress, Washington, D. C; Res., 2120 E. Baltimore St., Baltimore, Md.

Rothrock, Harry C., B. S. (Chem. & Phys.); Principal of High School, Boalsburg, Pa.

CLASS OF 1886

Darlington, Frederick, B. S. (Phys. and Chem.); Consulting Engineer; Great Barrington, Mass.

Holter, George L., B. S. (Phys. and Chem.); Principal, Logan County High School; 418 E. Mansure Ave., Guthrie, Okla.

McDonnell, H. B., B. S. (Chem. and Phys.); M. S. ('09); Professor of Chemistry and State Chemist; Maryland Agricultural College; College

Park, Md.

Patterson, Harry J., B. S. (Agri. Chem.); D. Sc. (Md. Agr. College); President Maryland Agricultural College and Director of Maryland Experiment Station; College Park, Md.

CLASS OF 1887

Fisher, William P., Jr., B. S. (Gen. Sci.); LL. B. (Columbia Univ. Law School '91); Glen Ridge, N. J.

^{*}Deceased

'87---'90

Strouse, William F., B. S. (Civ. Eng.); C. E. ('90); Assistant Engineer Baltimore & Ohio Railroad; 400 Forest Road, Roland Park, Bal-

timore, Md.

White, William F., B. S. (Lat. Sci.); E. E. ('99); M. S. ('04); President White Investing Co.; 55 Liberty St., New York, N. Y. Res., 137 Riverside Drive, New York, N. Y.

CLASS OF 1888

Downing, George M., B. S. (Gen. Sci.); E. E. (Brooklyn Polytech. Inst., '93); M. S. ('94); Proprietor, New Century Teacher's Bureau; 202 Poplar Ave., Wayne, Pa.

Hickman, James C., B. S. (Agri.); Chemist; Hanging Rock, Ohio.

*Hunter, C. R., (Mrs. J. H. Tudor), B. S. (Gen. Sci.).

Jones, William P., B. S. (Gen. Sci.); M. D. (Univ. of Vt. '90); Chief Draftsman, Engineering Dept. Bethlehem Steel Co.; 440 Seneca

St., South Bethlehem, Pa.

McKee, George C., A. B. (Class.); E. E. ('94); With Hoover & Mason Railway Exchange, Chicago, Ill. *Porter, William M., B. S. (Civ. Eng.).

CLASS OF 1889

Blair, Horace C., B. S. (Lat. Sci.); Coal Operator; Tyrone, Pa.

Hawk, William B. N., B. S. (Chem.); Chief Chemist with the Lorain Steel
Co.; 215 West Ave., Elyria, Ohio.
Hunter, James D., B. S. (Lat. Sci.); Stationer; 21 East High St., Belle-

fonte, Pa.

Jackson, John Price, B. S. (Mech. Eng.); M. E. ('92); E. E. ('01); Dr. Sci. (Univ. of Pgh., '13); Commissioner of Department of Labor and Industry, State of Penna., on leave of absence as Dean of School of Engineering, Penna. State College; Harrisburg, Pa. Keller, U. S. G., B. S. (Gen. Sci.); M. D. ('95, Columbian Univ.); Practicing Physician; Warren, Ill.

Meek, Elizabeth B., B. S. (Nat'l Hist.); M. S. ('98); Bellefonte, Pa.

Miles Henry D. R. S. (Mech. Eng.): President and Treasurer of the Buffalo.

Miles, Henry D., B. S. (Mech. Eng.); President and Treasurer of the Buffalo

Miles, Henry D., B. S. (Mech. Eng.); President and Treasurer of the Buffalo Foundry & Machine Co.; 139 Bryant St., Buffalo, N. Y.

*Patterson, Alexander A., B. S. (Gen. Sci.).

Roop, Curtin G., B. S. (Lat. Sci.); Clergyman, Bainbridge, N. Y.

Struble, Jacob B., B. S. (Mech. Eng.); Resident Manager, Union Switch & Signal Co., 841 Pacific Bldg., San Francisco, Cal.

Swank, Robert P., B. S. (Lat. Sci.); Lawyer; 34 W. Mahanoy Ave., Mahanoy City, Pa.

Waldron, James M., B. S. (Civ. Eng.); Signal Engineer, Interborough Rapid Transit Co.; 165 Broadway, New York, N. Y.

Weller, John S. B. S. (Civ. Eng.); Lawyer: 915 Park Bldg., Pittsburgh, Pa.

Weller, John S., B. S. (Civ. Eng.); Lawyer; 915 Park Bldg., Pittsburgh, Pa.

CLASS OF 1890

Abreu, Diego W., B. S. (Agri.); Sugar Planter; Roseton, Orange Co., N. Y. Ball, Antionette D., (Mrs. W. H. MacMillan), B. S. (Gen. Sci.); 3 York Ave., West Pittston, Pa.

Beaver, Gilbert A., B. S. (Lat. Sci.); Yorktown Heights, N. Y. Breneman, Herbert N., B. S. (Mech. Eng.); 137 East Clay St., Lancaster, Pa.

Brew, William P., B. S. (Mech. Eng.); Sales Manager with the Westinghouse Machine Co.; 165 Broadway, New York, N. Y.

^{*}Deceased

′90, B.—'91—H.

Brown, Potter Maclay, B. S. (Agri.); Farmer; Crossnore, N. C. Bryan, Fred A., B. S. (Civ. Eng.); President and General Manager, Indiana & Michigan Electric Company, 220-222 W. Colfax Ave., South Bend, Ind.

Demming, George S., B. S. (Civ. Eng.); Lawyer; 1112 Land Title Bldg.,

Broad and Chestnut Sts., Philadelphia, Pa.

Ellenberger, I. C. M., B. S. (Lat. Sci.); Superintendent of Schools; 26 South Fifth St., Sunbury, Pa. Gossler, Phillip G., B. S. (Mech. Eng.); E. E. ('92); Associated with A. B.

Leach & Co., Bankers; 149 Broadway, New York, N. Y.
Hunter, John A., Jr., B. S. (Mech. Eng.); M. E. ('96); Professor of Mechanical Engineering, University of Colorado; 1153 Pleasant St., Boulder, Colo.

Jackson, William B., B. S. (Mech. Eng.); M. E. ('97); Member of firm of Dugald C. & Wm. B. Jackson, Consulting Engineers; Harris Trust Bldg., Chicago, Ill.; Res., 826 Lincoln Ave., Winnetka, Ill.

Jones, Margaret B. (Mrs. J. P. Jackson), B. S. (Lat. Sci.); 1915 North Front St., Harrisburg, Pa.

Leyden, Harry R., B. S. (Mech. Eng.); Hydro-Electric Engineer; City Engineer's Club; New York, N. Y.

McLean, Harvey B., B. S. (Mech. Eng.); General Superintendent, Fuel Appliance Department, Consolidated Gas Company of New York.

pliance Department, Consolidated Gas Company of New York; 130 East 15th St., New York, N. Y.
Meek, George R., B. A. (Lat. Sci.); Banker; Bellefonte, Pa.
Mitchell, H. Walton, B. S. (Lat. Sci.); Member of firm of McKee, Mitchell &

Alter; Lawyers; 1010 Park Building, Pittsburgh, Pa.

Mock, James C., B. S. (Mech. Eng.) Signal Electrical Engineer, for the Michigan Central Railroad; M. C. R. R. Depot, Detroit, Mich.

Walker, James B., B. S. (Gen. Sci.); Secretary and Treasurer, Pittsburgh Heating Co.; 8 Wood St., Pittsburgh, Pa.
Walker, J. M., B. S. (Gen. Sci.); Lawyer; 1715 Penn Ave., Scranton, Pa.
Walker, William H., B. S. (Chem.); A. M.; Ph. D. ('92 Gottingen, Germany); Professor Chemical Engineering, Mass. Institute of

Technology, Boston, Mass.

Watts, Ralph L., B. S. (Agri.); M. S. ('99); Dean of the School of Agriculture, Director Experiment Station, Pennsylvania State Col-

lege; State College, Pa.

CLASS OF 1891

Bartley, William A., B. S. (Mech. Eng.); Assistant Signal Engineer with Interborough Rapid Transit Co.; Room 2608, 165 Broadway, New York, N. Y. Camp, Walter M., B. S. (Civ. Eng.); Editor of Railway Review; 7740

Union Ave., Chicago, Ill.

Chamberlain, G. D., (Did not receive B. S. degree with class. Granted degree of M. S. in 1909); Steel Worker and Asst. Superintendent of the

Carnegie Steel Co.; care Carnegie Steel Co., Braddock, Pa.
Clark, G. C., B. S. (Civ. Eng.); C. E. ('02); Director and Chief Engineer
with Fraser, Brace & Co., Contractors; 531 Breech St., Richmond Hill, New York, N. Y.
Fields, John, B. S. (Adv. Chem.); President and Editor Oklahoma Farm
Journal; 1125 N. Robinson Ave., Oklohoma City, Okla.
Gilkey, Thomas A., B. S. (Civ. Eng.); C. E. ('94); Consulting Engineer:

Gilkey, Thomas A., B. S. (Civ. Eng.); C. E. ('94); Consulting Engineer;

318-322 Mercantile Bldg., New Castle, Pa. Green, Charles M., B. S. (Electro. Chem.); E. E. ('93); Designing Engineer

with the General Electric Co.; 94 Beacon Hill Ave., Lynn, Mass. Griffin, Francis A., B. S. (Mech. Eng.); Farmer; Lakewood, N. J. Hamilton, Hugh, Jr., B. S. (Phys.); Address and occupation unknown.

'91, L .-- '92, S.

Long, Harry D., B. S. (Phys.); Fayetteville, Pa. McKee, Arthur G., B. S. (Mech. Eng.); M. E. ('99); Consulting and Contracting Engineer; 1303-1307 Rockefeller Building, Cleveland, O. Moore, Maude, (Mrs. J. G. Miller), B. S. (Scientific); Mercersburg, Pa.

Moore, Maude, (Mrs. J. G. Miller), B. S. (Scientific); Mercersburg, Pa. Suloff, Noah H., B. S. (Civ. Eng.); 2887 Hampshire Road, Cleveland Heights, Cleveland, Ohio.

Taylor, Dilworth M., B. S. (Civ. Eng.); Assistant Engineer of Resurvey with the W. & L. E. Railroad; W. & L. E. Station, Canton, Ohio; Res., 2159 West Boulevard, Cleveland, Ohio.

Weidner, Fraley N., B. S. (Chem.); Electrical Foreman, Isthmian Canal Commission; Gatun, Canal Zone.

Yocum, John H., B. S. (Chem.); M. S. ('08); General Manager and Vice Pres. J. H. Ladero Co.; 325 Academy St., Newark, N. J.

CLASS OF 1892

Atherton, Charles M. H., B. S. (Chem.); Organist, Settlement Worker, Music and Piano Teacher; 347 East 74th St., New York, N. Y. Aull, Charles E., B. S. (Civ. Eng.); With the Sorg Paper Co., Middletown,

Ohio.

Bohn, Wellington W., B. S. (Phys.); Poultry Business, Robesonia, Pa. Bush, Edward W., B. S. (Civ. Eng.); C. E. ('97); Consulting Engineer, Lyme, Conn.

Crawford, Samuel G., B. S. (Civ. Eng.); Minersville, Pa. Glenn, Thomas O., B. S. (Chem.); M. D. (Eclectic Medical Inst., Cincinnati, . '95); Physician; 253 E. Main St., Bradford, Pa.

*Herr, Herman H., B. S. (Mech. Eng.).

Hildebrand, Charles C., B. S. (Chem.); 742 East Chelten Ave., Germantown, Pa.

Hile, Charles H., B. S. (Mech. Eng.); M. E. (Univ. of Wis. '98); Chief of Maintainance Boston Elevated Ry. Co.; 101 Milk St., Boston, Mass.

Kessler, Raphael, Jr., B. S. (Civ. Eng.); Smethport, Pa.

Lloyd, Nelson McA., B. S. (Phys.); Author; Syosset, Long Island, N. Y. McDowell, Milton S., B. S. (Chem.); M. S. ('97); Head of the Department of Agricultural Extension, The Pennsylvania State College; State College, Pa.
McKee, Willis, B. S. (Civ. Eng.); M. E. ('02); General Superintendent of
the Elyria Iron and Steel Co.; Elyria, O.

Meek, Eloise K., B. S. (Scientific); M. D. (Woman's Medical College '99);

Bellefonte, Pa.
Pond, Francis J., B. S. (Chem.); M. A., Ph. D. (Univ. of Goettingen, Germany '96); Professor of Chemistry and Director of Morton Me-

many '96); Professor of Chemistry and Director of Morton Memorial Laboratory of Chemistry at Stevens Institue of Technology, Hoboken, N. J.; 167 Summit Ave., Upper Montclair, N. J. Pratt, Howard R., B. S. (Civ. Eng.); Chief Engineer, Western Maryland Railroad; 709 Continental Building, Baltimore, Md.

Read, Augustus C., B. S. (Civ. Eng.); With the Read Construction Co., 205

Beau St., Washington, Pa.; Res., Sharpless & Mountain Aves., Melrose Park, Pa.

Rumberger, Howard K., B. S. (Civ. Eng.); Sanitary and Municipal Engineer: 1424 Carden St. Bellingham Wash.

neer; 1424 Garden St., Bellingham, Wash.
Saylor, William H., B. S. (Agri.); Farmer; Editor and Proprietor of the Pacific Dairy Review; 78 Clay St., San Francisco, Cal.
Schaeffer Margaret F. B. S. (Pial) Formula Proprietor Schaeffer, Margaret E., B. S. (Biol.); Farming; Richland, Atlantic County,

N. J. Shields, John F., B. S. (Civ. Eng.); LL. B. (Univ. of Penna.); Lawyer; West End Trust Building, Philadelphia, Pa.

Stephenson, John W., B. S. (Civ. Eng.); Little Falls, Minn.

^{*}Deceased

CLASS OF 1893

Brown, S. Herbert, B. S. (Elec. Eng.); Manufacturer; Ashville, N. C. Butts, Edward P., B. S. (Civ. Eng.); C. E. ('97); Chief Engineer, American Writing Paper Co.; P. O. Box 125, Springfield, Mass. Camp, Emma E., (Mrs. A. S. Hibbard), B. S. (Gen. Sci.); Wyalusing, Pa. Caughey, Cassius M., B. S. (Civ. Eng.); Paper and Pulp Mill Architect; 411

High St., Holyoke, Mass.

Dale, Frederick, B. S. (Gen. Sci.); Major Medical Corps, U. S. Army, 4th Infantry 5th Brigade, Vera Cruz, Mexico.

Dunkle, H. Edward, B. S. (Mech. Eng.); M. E. ('96); Mechanical Engineer; Solvay Club House, Syracuse, N. Y.

Fay, Charles R., B. S. (Chem.); Manager Branch Coal Co., Inc.; Coal City,

Foster, John, B. S. (Mech. Eng.); Chemist; 908 First National Bank Build-

ing, Birmingham, Ala.

Furst, John K., B. S. (Civ. Eng.); Chief Engineer, Pennsylvania Engineering Works; 212 Winter Ave., New Castle, Pa.

Girvin, Charles J., B. S. (Mech. Eng.); M. E. ('96); Superintendent, The
Edge Moor Iron Co.; R. F. D. No. 1, Edge Moor, Del.

Greenwood, Harry E., B. S. (Mech. Eng.); Designer; 253 Midland Ave.,

Columbus, Ohio.
Gross, Daniel W., B. S. (Civ. Eng.); Engineer of Construction, Atlantic Coast Line Railroad; Wilmington, N. C. Mattern, Hays W., B. S. (Civ. Eng.); Grocer; 441 Lincoln St., Johnstown,

Pa.

Mattern, Roy B., B. S. (Chem.); M. S. ('03); Teacher; Dobbs Ferry, N. Y. McDonnell, Milton E., B. S. (Chem.); M. S. ('96); Bacteriologist for the Pennsylvania Railroad Co.; 2629 Broad Ave., Altoona, Pa. McElwain, Carrie M., (Mrs. E. P. Butts), B. S. (Civ. Eng.); M. A. ('85);

60 Mulberry St., Springfield, Mass.
Orbin, Frank, B. S. (Mech. Eng.); Supervisor of Equipment and Purchasing Agent Carnegie Institute of Technology; Pittsburgh, Pa.
Rothrock, William P., B. S. (Civ. Eng.); Chief Engineer of the Manhattan Elevated Improvement for Snare & Triest Co., 50 Park Place, New York City; 234 East 178th St., New York, N. Y.

*Small, John M., B. S. (Lat. Sci.).
Walsh, John G., B. S. (Chem.); 225 Upland Way, Wayne, Pa.
Weld, Fred F., B. S., (Civ. Eng.); C. E. ('02); Member of Firm of Weld & Thomas, Consulting Engineers; 1703 Hoge Building, Seattle, Wash.

Wieland, George R., B. S. (Chem.); Ph. D. (Yale Univ. '00); Paleontologist. Research Associate of the Carnegie Institute of Washington, and Lecturer in Paleobotany in Yale University; Yale Museum, New Haven, Conn.; Res., Anawan, West Haven, Conn.

Williamson, Richard W., B. S. (Lat. Sci.); Lawyer; 615 Penn Ave., Hunt-

ingdon, Pa.

CLASS OF 1894

Banks, William, B. S. (Mech. Eng.); Attorney-at-Law; 680 Philadelphia St., Indiana, Pa.

Barndollar, Fred, B. S. (Mech. Eng.); Superintendent, Witteman Company; 1007 Lafayette Ave., Buffalo, N. Y.

Belt, Abram D., B. S. (Civ. Eng.); Superintendent, Wells Whip Co.; Wellsville, Pa.

Bowman, Roger, B. S. (Civ. Eng.); Philadelphia, Pa.

^{*}Deceased

'94, B___'95, G.

Breneman, Paul B., B. S. (Civ. Eng.); C. E. ('97); Professor of Mechanics and Materials of Construction, The Pennsylvania State College; State College, Pa.

Brewer, John M., B. S. (Civ. Eng.); Planter; Columbia, Isle of Pines, West

Indies.

Damon, Albert F., Jr., B. S. (Civ. Eng.); Civil Engineer; 865-867 Main St., Darby, Pa.

Dickinson, Walter M., B. S. (Mech. Eng.); Engineer and Draftsman with the H. L. Dixon Co., Engineers, Founders and Machinists for Glass Works Construction, Carnegie, Pa.; 55 Bradford Ave.,

Crafton, Pa.
Dowler, H. P., B. S. (Min. Eng.); General Superintendent, Penn-Mary Coal

Co.; President of Lasoya Oil Co. of Oklahoma, and President of Southmere Farms and Fruit Co., of Florida; Heilwood, Pa. Guyer, G. Arthur, B. S. (Elec. Eng.); Signal Supervisor, New York Central and Hudson River Railroad Co.; Room 9, Union Station, Albany,

N. Y. *Hench, John B., B. S. (Elec. Eng.).

Hunter, Susan S. (Mrs. A. W. Smith), B. S. (Gen. Sci.); Blairsville, Pa. *Kirk, Edwin B., B. S. (Elec. Eng.).
Kremer, Charles E., B. S. (Gen. Sci.); Member of firm of Theo. E. Kremer & Co., Manufacturers of Underwear; 1023 Vine St., Philadelphia,

Mattern, Frank K., B. S. (Mech. Eng.); Wholesale Grocer, Warriorsmark,

Pa.

Mattern, Louis W., B. S. (Chem.); Head Teacher of Chemistry, McKinley Manual Training School; Cor. Rhode Island Ave. & 7th St., Wash-

Musser, Boyd A., B. S. (Gen. Sci.); Contractor; 821 Vine St., Scranton, Pa. Quigley, James E., B. S. (Mech. Eng.); Manager Insulation Dept., Armstrong Cork Co.; 466 S. Rebecca St., Pittsburgh, Pa.

Rebhun, William H., B. S. (Chem.); M. S. ('03); Assistant Cashier, Mer-

chants National Bank; 521 McKinley Ave., Butler, Pa.

Silliman, Walter A., B. S. (Chem.); Junior Partner with J. S. Silliman & Co., Geologists and Mining Engineers; 2015 West Chestnut St., Altoona, Pa.

Thompson, William C., B. S. (Lat. Sci); With A. F. Thompson, Attorney-

at-Law; Lykens, Pa. Waite, Walter B., B. S. (Mech. Eng.); U. S. Government Service; Hunting-

don, Pa.

White, John Beaver, B. S. (Mech. Eng.); M. E. (Cornell Univ. '99); Member of the firm of Beaver White & Co., Investment Brokers and Financial Agents; Austin Friars House, E. C. Landon, England.

CLASS OF 1895

Barton, Dunham, B. S. (Chem.); Secretary and Treasurer, Mercer Dispatch Printing Co.; Mercer, Pa.

*Beaver, Hugh M., B. S. (Gen. Sci.). Burkett, Charles W., B. S. (Elec. Eng.); E. E. ('02); Chief Engineer, Pacific Telephone and Telegraph Co.; 140 New Montgomery St., San Francisco, Cal. Cummins, Thomas R., B. S. (Civ. Eng.); Appraisal Engineer; 421 Main

St., Conneaut, Ohio.

Fleck, Harry G., B. S. (Civ. Eng.); Structural and Car Engineer Cambria Steel Co.; 438 Franklin St., Johnstown, Pa.

Geary, Henry H., B. S. (Elec. Eng.); General Manager of the Fostoria Incandescent Lamp Div., National Lamp Works of the General Electric Co.; Fostoria, Ohio.

^{*}Deceased

Gibboney, William K., B. S. (Elec. Eng.); 47 Windsor Ave., Buffalo, N. Y. Gray, Budd D., B. S. (Mech. Eng.); Vice President and Manager of the Hess-Bright Manufacturing Co.; Front St. & Erie Ave., Philadelphia, Pa.

delphia, Pa.

Green, George D., B. S. (Biol.); M. D. (Univ. of Penna. '99); Physician; 15 W. Main St., Lock Haven, Pa.

Greer, Robert B., B. S. (Biol.); M. D. ('99, Univ. Penna.); Physician and Surgeon; 371 N. Main St., Butler, Pa.

Hall, Jacob E., B. S. (Chem.); With the Bell Telephone Co.; Fleming, Pa.

Harder, Edwin P., B. S. (Elec. Eng.); Station Superintendent Cataract Powder and Conduit Co.; 28 California St., Buffalo, N. Y.

Harris, Edward H., B. S. (Biol.); M. D.; Physician for the Lehigh Valley Coal Co.; Snow Shoe, Pa.

*Harris, John L., B. S. (Min. Eng.).

Herr, Samuel F., B. S. (Civ. Eng.); Draftsman for the Independent Bridge Co., Pittsburgh, Pa.; 222 Second St., Aspinwall, Pa.

Horton, Byron B., B. S. (Gen. Sci.); M. A. ('07, Columbia University); Sheffield, Pa.

Sheffield, Pa.

Kiefer, Melvin J., B. S. (Elec. Eng.); With Crouse-Hinds Co., 30 Church St., New York, N. Y.; 5118 Race St., Philadelphia, Pa.

MacDonald, Ralph L., B. S. (Mech. Eng.); E. E. ('04); Superintendent of the Buffalo & Niagara Falls Electric Light and Power Co.; 24 Buffalo Ave., Niagara Falls, N. Y.

Marshall, James G., B. S. (Elec. Eng.); E. E. ('02); Superintendent, Union

Carbide Co.; 740 Park Place, Niagara Falls, N. Y.

Martin, Ralph F., B. S. (Mech. Eng.); Farmer; Hawley, Wayne County, Pa.

Mathias, Robert, B. S. (Elec. Eng.); President, Mathias-Hart Co.; care

Mathias-Hart Co., 514-516 Atlantic Ave., Boston, Mass.

Moore, William J., B. S. (Mech. Eng.); Asst. Chief Engineer, Standard Engineering Co.; 300 Franklin Ave., Elwood City, Pa.

Patterson, David L. Jr. B. S. (Mech. Eng.): Associate Professor of History

Patterson, David L., Jr., B. S. (Mech. Eng.); Associate Professor of History, University of Kansas; 1135 Ohio St., Lawrence, Kan.

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Reed, Lloyd A., B. S. (Elec. Eng.); E. E. ('97); Foreman Regulator, New York Edison Co., Gold Street Station; 186 Washington Ave.,

Brooklyn, N. Y.

Rodgers, J. Franklin, B. S. (Mech. Eng.); District Sales Manager, Ridgway Dynamo and Engine Co., 1417 Oliver Building, Pittsburgh, Pa.

Rutherford, Thomas W., B. S. (Civ. Eng.); Engineer for the Pacific Telephone and Telegraph Co.;144 Commonwealth Ave., Los Angeles, Cal.

Seibert, George E., B. S. (Mech. Eng.); Machinist; 1839 Pierce Ave., Niagara Falls, N. Y.

*Smiley, Warren P., B. S. (Chem.); M. S. ('00).

Snyder, George B., B. S. (Civ. Eng.); Teacher of Mathematics, Pittsburgh High School; 7824 Kelly St., Pittsburgh, Pa.

Snyder, Lohn F. B. S. (Mech. Eng.); Members of the firm of Snyder &

Snyder, John E., B. S. (Mech. Eng.); Member of the firm of Snyder & Raub, Engineers and Contractors in Heating and Ventilating; 1847 No. 6th St., Philadelphia, Pa.

Spence, George K., B. S. (Chem.); M. S. ('10): Chief Chemist, New York and

Pennsylvania Co., Clarion Mills; P. O. Box 265, Johnsonburg, Pa. Wieland, Robert W., B. S. (Gen. Sci.); Mining Engineer; (Home Address)

State College, Pa. Williams, Benjamin F., B. S. (Min. Eng.); 281 E. Northampton St., Wilkes-Barre, Pa.

Wishart, Harlan L., B. S. (Chem.); Farmer; Wells Tannery, Pa.

^{*}Deceased

Bowen, Benjamin J., B. S. (Elec. Eng.); General Superintendent of Traffic, New England Telephone and Telegraph Co.; 13 Hillside Terrace, West Newton, Mass.

Carter, Lewis B., B. S. (Lat. Sci.); Lawyer; 8 Republican Building, Scran-

ton, Pa. Dixon, Israel K., B. S. (Mech. Eng.); Special Designer with the U.S. Steel Corporation; 536 Grove Ave., Johnstown, Pa.

Steel Corporation; 536 Grove Ave., Johnstown, Pa.

Dunsmore, James G., B. S. (Civ. Eng.); Superintendent Greenwich Coal and Coke Co.; Saxman, Cambria County, Pa.

Fisher, Benjamin F., B. S. (Elec. Eng.); In charge of Mazda Service for the General Electric Co.; 11 Belvedere Place, Montclair, N. J.

Gingrich, Charles S., B. S. (Mech. Eng.); M. E. ('99); 34 Navarre Building, Gilbert Ave., Walnut Hill, Cincinnati, Ohio.

Glosser, Herbert H., B. S. (Biol.); M. D. (Univ. of Penna. '99); Specialist, Eye, Ear, Nose and Throat; 448 Franklin St., Buffalo, N. Y.

Glossner, John F., B. S. (Elec. Eng.); Chief Inspector, Central Union Telephone Co., 144 Poplar St., Mansfield, O.

Greenland, Walter W., B. S. (Min. Eng.); Assistant Engineer, Wabash Railroad, Western Division; 320 S. 4th St., Moberly, Mo.

Hawley, W. G., B. S. (Elec. Eng.); Principal School of Mathematics and Mechanics, International Correspondence Schools, Scranton, Pa.; Res., R. R. No. 2, Clarks Summit, Pa. Res., R. R. No. 2, Clarks Summit, Pa.

*Hemphill, Fréderick A., B. S. (Biol.); M. D. (Hahnemann Medical College, '99).

Jessop, Francis W., B. S. (Elec. Eng.); E. E. ('05); Works Manager, Electric Controller and Manufacturing Co.; 81 Roxbury Road, East

Cleveland, Ohio.

Jones, Howard H., B. S. (Mech. Eng.); Draftsman, Construction Dept.

Illinois Steel Co., South Works; 6235 Kenwood Ave., Chicago, Ill.

Kelker, Rudolph F., B. S. (Elec. Eng.); E. E. ('97); Care of Board of Supervising Engineers, City of Chicago; Chicago, Ill.

Klock, Raymond A., B. S. (Elec. Eng.); Sales Manager of the DuPont Garage Co.; 1317 14th St., N. W.; Washington, D. C.

Knoch Francis E. B. S. (Chem.): A. M. Ph. D. (Goettingen, Germany).

Knoch, Francis E., B. S. (Chem.); A. M., Ph. D. (Goettingen, Germany). (Degree taken with 1896 class, on special work and examinations); Oil Refining Business; Florence, Col. Kuhn, Harry A., B. S. (Civ. Eng.); President Pittsburgh-Westmoreland

Coal Co. and President Blaine Coal Co.; 505 S. Linden Ave., Pitts-

burgh, Pa.

McCaskey, Walter B., B. S. (Elec. Eng.); Captain, Quartermaster Corps, U. S. Army; Fort Porter, Buffalo, N. Y.

McCormick, J. Frank, B. S. (Gen. Sci.); Division Manager, American Union Telephone Co.; Lock Haven, Pa.

McCrea, Robert A., B. S. (Mech. Eng.); Mechanical Engineer, Pgh. Valve Fdy. & Const. Co.; 42 Sheridan Ave., Bellevue, Pa.

McKee, George M., B. S. (Elec. Eng.); General Manager, the Donnacona Paper Co.; Donnacona, Quebec, Canada. McKibbin, James M., B. S. (Biol.); M. D. (Univ. of Penna. '99); Physician;

Buck Valley, Pa.

Motz, Jacob F., B. S. (Elec. Eng.); District Sales Manager, Electric Controller & Manufacturing Co.; 1539 Oliver Building, Pittsburgh, Pa. Price, Henry T., B. S. (Biol.); M. D. ('99 Univ. Penna.); M. S. ('01); Physician; Westinghouse Building, Pittsburgh, Pa. Scott, Charles E., B. S. (Min. Eng.); With "The Chas. B. Scott Co," 119
Franklin Ave., Scranton, Pa.; Res., 1111 Myrtle St., Scranton, Pa. Smith, A. Woodward, B. S. (Mech. Eng.); M. E. ('06); Farmer, Blairsville,

Pa.

^{*}Deceased

'96, S .-- '97, M.

Snyder, William E., B. S. (Mech. Eng.); M. E. ('00); Mechanical Engineer, American Steel and Wire Co.; 1712 Morrell St., N. S. Pittsburgh,

Stewart, Harry McM., B. S. (Min. Eng.); Assistant Superintendent of the Duquesne Blast Furnaces; 724 S. Duquesne Ave., Duquesne, Pa. Thomas, Charles, B. S. (Mech. Eng.); 2313 Avenue D, Ensley, Ala. Thompson, Clarence M., B. S. (Min. Eng.); Sales Manager, Kellog Switch-

board and Supply Co.; 5031 Locust St., Philadelphia, Pa.

Vastine, Jacob M., B. S. (Elec. Eng.); M. D. (Medico-Chi.); Physician and Surgeon; Catawissa, Pa.

CLASS OF 1897

Alexander, Clinton B., B. S. (Min. Eng.); E. M. ('03); Madera, Pa. Allen, Homer H., B. S. (Chem.); Traveling Salesman, General Western Agency of the Susquehanna Coal Co.; 627 West Sixth St., Erie,

Baumgardner, Thomas, B. S. (Mech. Eng.); Consulting and Contracting Engineer; 139 E. Walnut St., Lancaster, Pa.

Boyer, John A., B. S. (Phil.); Merchant; West Hanover, Pa.

Conrad, David P., B. S. (Elec. Eng.) Division Electrical Engineer With the Pennsylvania Coal and Coke Company; Patton, Pa.

Cromlish, Albert L., B. S. (Chem.); Superintendent of Furnaces, Carnegie Steel Co.; Farrel, Pa.

*Darragh, Joseph, Jr., B. S. (Mech. Eng.).
Dom, John McCullough, B. S. (Civ. Eng.); Special Agent for Territory of
Western Penna., Western New York and Maryland Hamburg-Bremen Fire Insurance Co. of Hamburg, Germany; 307 4th

Ave., Pittsburgh, Pa.

Dunsmore, James A., B. S. (Min. Eng.); Address and occupation unknown.

*Groff, George G., B. S. (Agr.).

Hardt, Charles W., B. S. (Min. Eng.); Asst. Engineer, State Highway De-

partment; Harrisburg, Pa.

Harris, John T., B. S. (Elec. Eng.); Traffic Manager for the Bell Telephone
Co. of Pennsylvania; 208 Walnut St., Harrisburg, Pa.

Heilig, Edward R., B. S. (Elec. Eng.); Portland, Ore. Hill, Ermin F., B. S. (Phil.); Attorney-at-Law; Hughesville, Pa. Housman, Walter E., B. S. (Mech. Eng.); Chief Draftsman and Assistant Mechanical Engineer, H. C. Frick Coke Co.; Parker Ave., Scottdale, Pa.

Lawrence, Charles W., B. S. (Civ. Eng.); C. E. ('04); Professor of Civil Engineering, University of Southern California; 1203 W. 36th

Place, Los Angeles, Cal.

Leisher, Luther L., B. S. (Elec. Eng.) Address and occupation unknown.

McCullough, John E., B. S. (Chem.); Chemist and O. H. Supt., National

Malleable Castings Co.; 815 Sixteenth Ave., Maywood, Ill.

McGee, Frank R., B. S. (Mech. Eng.); Mechanical Engineer for the Mingo and Bellaire Works, Carnegie Steel Co.; 833 N. 5th St., Steubenville, Ohio.

McKinley, Robert Musgrave, B. S. (Mech. Eng.); 5540 Center Ave., Pittsburg, Pa.

McMichael, James S., B. S. (Min. Eng.); Engineer for the Merchants Coal Co.; Boswell, Somerset Co., Pa.

Mason, Charles E., B. S. (Elec. Eng.); Proprietor and Managing Editor Daily Record; 805 N. Richardson Ave., Rosewell, N. M.

Miller, Joseph W., B. S. (Math. and Phys.); Ph. D. (Columbia Univ.); 306 Chestnut St., Harrisburg, Pa.

Montgomery, William S., B. S. (Elec. Eng.); Secretary and Treasurer, Troy Electric Light, Heat and Power Co.; Troy, Pa.

^{*}Deceased

'97, M.---'98, D.

Moore, Roy S., B. S. (Civ. Eng.); Resident Engineer with Waddell & Harrington, Consulting Engineers on Canadian Pacific Railway Bridges; Ashcroft, B. C., Canada. Myers, Edward H., B. S. (Math.); Teacher of Mathematics in the Central Commercial and Manual Training High School; 250 Garside St.,

Newark, N. J.
Schueler, John E., B. S. (Phil.); Assistant Chief Draftsman, Engineering Department, Baltimore and Ohio Railroad; 1931 W. Fayette St., Baltimore, Md.

Sellers, Paulding F., B. S. (Elec. Eng.); Chief Electrical Engineer, Buffalo

General Electric Co.; 41 Irving Place, Buffalo, N. Y.

Sharp, Willard C., B. S. (Elec. Eng.); (Home Address) Atglen, Pa.
Simmers, Joseph W., B. S. (Mech. Eng.); M. E. ('98); Engineer, Power
Dept., Bethlehem Steel Co.; 329 N. 7th Ave., Bethlehem, Pa.
Teas, William M., B. S. (Chem.); M. S. ('00); President Marion Extract
Co.; Teas, Va.

Thompson, Elizabeth B., (Mrs. L. H. Crosman), B. S. (Biol.); Oaks, Mont-

gomery Co., Pa.

Thompson, Joseph, B. S. (Mech. Eng.); 32 Highland St., Hammond Ind.
Thompson, Warren R., B. S. (Elec. Eng.); 175 W. Jackson Blvd., Chicago,
Ill.

Tyson, Robert E., B. S. (Mech. Eng.); President, Tyson Bros., Inc.; Roselle,

N. J.

Whitten, William M., B. S. (Mech. Eng.); District Manager, Armstrong Cork and Insulation Co.; 50 Church St., New York, N. Y. *Zentmyer, Frank K., B. S. (Mech. Eng.).

CLASS OF 1898

Albert, John S., B. S. (Mech. Eng.); 804 Frick Bldg., Pittsburg, Pa. Andrews, James H. M., B. S. (Phil.); Engineer of Distribution Philadelphia Rapid Transit Co.; 820 Dauphin St., Philadelphia, Pa. Ansart, Louis L., B. S. (Math.); LL. B. (Georgetown Univ. '10); Assistant Examiner, Patent Office; 1503 Irving St., Washington, D. C. Beaver, Thomas, B. S. (Gen. Sci.); Manager Beaver Farms; Bellefonte, Pa. Bechtel, Leaton T., B. S. (Mech. Eng.); With the Bethlehem Steel Co.; West

Bethlehem, Pa. Beers, Frank T., B. S. (Chem.); Superintendent of Barksdale Plant, E. I.

duPont de Nemours Powder Co.; Barksdale, Wis.

Blair, Allen F., B. S. (Mech. Eng.); Consulting Engineer; 318 First Ave. So., Seattle, Wash.; Res. 2718 44th Ave. S. W., Seattle Wash. Brown, Charles A., B. S. (Lat. Sci.); Bookkeeper and Member of Firm of

Potter-McCune Co.; 2318 Jenny Lind St., McKeesport, Pa. Cadman, Matthew M., B. S. (Min. Eng.); 821 Carnegie Bldg., Pittsburgh,

Pa.

Campbell, John W., B. S. (Min. Eng.); Division Engineer for H. C. Frick Coke Co.; Leckrone, Pa.

*Clapper, John E., B. S. (Civ. Eng.).

Cochran, William P., B. S. (Elec. Eng.); Manager Industrial and Power Division Westinghouse Electric & Manufacturing Co., Baltimore; 121 E. Baltimore St., Baltimore, Md.

Crewe, Leonard C., B. S. (Min. Eng.); General Manager, LaFollette Iron Co., La Follette, Tenn. Curtin, Joseph McM., B. S. (Elec. Eng.); Manager Industrial and Power

Dept., Westinghouse Electric and Manufacturing Co. East Pittsburg, Pa. 620 S. Negley Ave., Pittsburg. Pa. *Davis, Henry S., B. S. (Mech. Eng.); M. E. ('04).

^{*}Deceased

Diehl, Ambrose N., B. S. (Chem.); Superintendent Blast Furnaces, Carnegie

Steel Co.; Duquesne, Pa.

Steel Co.; Duquesne, Pa.

Diller, Harry E., (Did not receive B. S. degree with class. Received degree of M. S. in 1912); Chief Chemist, General Electric Co.; 424
Liberty St., Erie, Pa.

Dodge, Leon G., B. S. (Mech. Eng.) Manager Oldsmobile Co. 1420 Van Ness
Ave. San Francisco, Calif.

Espenshade, Edward B., B. S. (Civ. Eng.); Senior Civil Engineer with the Division of Valuation, Interstate Commerce Commission;

Gallaway, Albert A., B. S. (Civ. Eng.); General Engineer, Pittsburgh Coal
Co., West Newton, Pa.
Gray, Joseph W., B. S. (Elec. Eng); Assistant Engineer in Structural Dept.,
Pittsburgh Division, American Bridge Co.; 466 Atlantic Ave., Pittsburgh, Pa. Heister, Augustus O., B. S. (Agri.); Address and occupation unknown.

Huber, H. G., B. S. (Mech. Eng.); Asst. Master Mechanic, Philadelphia Div. Pennsylvania Railroad Co.; 1400 No. 2nd St., Harrisburg, Pa.

Huston, Junius D., B. S. (Agri.); Finleyville, Pa.
Hutchinson, William A., B. S. (Agri.); General Sales Agent, American
Milling Co., Peoria, Ill.; Bloomsburg, Pa.

Kaiser, Frank A., B. S. (Civ. Eng.); Manager, Secretary and Treasurer
Scranton Bedding Co.; 1710 Monsey St., Scranton, Pa.

Keenen, Joseph R. W., B. S. (Civ. Eng.); Supervisor, Cumberland Valley
Railroad; Chambersburg, Pa.

Koiser Clarence B. B. S. (Flog. Fing.); Master Mechanic Manhetten Divisor

Keiser, Clarence B., B. S. (Elec. Eng.); Master Mechanic, Manhattan Division, Penna. R. R. Co., 242 West 31st St., New York, N. Y. Res. 114 Murray St., Elizabeth, N. J. Kennedy, William H., B. S. (Civ. Eng.); Florist and Gardener; 969 Exeter

St., Pittston, Pa.

Lewis, Raymond, B. S. (Mech. Eng.); 1099 Confer Ave., Johnstown, Pa. McAllister, Addams S., B. S. (Elec. Eng.); E. E. ('01); M. M. E. and Ph. D. (Cornell Univ.); Editor, Electrical World; 239 West 39th St., New York, N. Y.

Mechesney, Charles A., B. S. (Elec. Eng.); Engineer, Pittsburgh Railways
Co.; 603 Hampton Ave., Wilkinsburg, Pa.

Morgan, Milton B., B. S. (Civ. Eng.); Road Master for the Illinois Central Railroad Co. on the Tenn. Div.; Fulton, Ky.

*Moser, Loranda M., B. S. (Civ. Eng.).

Norris Cassing W. (Did not receive R. S. dornes with allers Berried I.)

Norris, Cassius W., (Did not receive B. S. degree with class. Received degree of M. S. in 1914.) Consulting Chemist and Partner in the Reed-Norris Laboratory, New York City; 227 Fulton St., New York, N. Y.

Owen, William H., B. S. (Civ. Eng.); Draftsman with the American Bridge

Owen, William H., B. S. (Civ. Eng.); Draftsman with the American Bridge Co.; 102 Marie Ave., Avalon, Pa.

Rawn, E. V. N., B. S. (Agri.); Vice President and Manager of the S. Walton Contracting Co.; Falls Mills, Va.

Sponsler, Charles F., B. S. (Mech. Eng.); Superintendent Mechanical Plant, Charge of Construction and Operation of Plant and Buildings; U. S. Bureau of Standards; 1644 Park Road, Washington, D. C.

Sprecher, Clay, B. S. (Mech. Eng.); With the C. & G. Cooper Co.; 1323 Oliver Building, Pittsburgh, Pa.

Strohm, Rufus T., B. S. (Mech. Eng.); M. E. ('04); Engineering Textbook Writer, International Correspondence School; 316 Taylor, Ave. Scranton, Pa.

Ave., Scranton, Pa.

Taylor, Martin A., B. S. (Chem.); With the United Iron and Steel Co.; Leetonia, Ohio.

^{*}Deceased

'98, T .-- '99, N.

Thomas, Leon E., B. S. (Mech. Eng.); M. E. ('02); General Manager Birdsboro Steel Foundry and Machine Co.; 325 Windsor St., Reading,

Thomas, W. A., B. S. (Elec. Eng.); President, Rocky Ridge Coal Co., Consulting Electrical Engineer; 736 North Ave., Wilkinsburg, Pa. Thompson, Mabelle, (Mrs. J. R. Woodcock), B. S. (Lat. Sci.); 111 Clarendon St., Syracuse, N. Y.

White, James Wallace., B. S. (Elec. Eng.); Sales Representative, Jeffrey Manufacturing Co., Columbus, Ohio.; 1905 East Superior St., Duluth, Minn.

CLASS OF 1899

Affelder, William L., B. S. (Min. Eng.); General Manager of the Bessemer Coke Co. and also of the Coal and Coke subsidaries of the J. H. Hillman & Sons Co., 1724 Oliver Bldg., Pittsburg, Pa. Res. 1121
Princeton Ave., Thornburg, Pittsburg., Pa.
Barclay, William F., B. S. (Civ. Eng.); 230 So. Juliana St., Bedford, Pa.
Bell, Robert C., B. S. (Civ. Eng.); Idlewood, Pittsburg, Pa.
Beyerle, William P., B. S. (Elec. Eng.); Supt. Dist. Consolidated Gas, Elec-

tric Light and Power Co.; 4008 Brookline Ave., Baltimore, Md.

Brandt, Walter E., B. S. (Min. Eng.); Member of the firm of McCoy & Brandt, handling all classes of machinery; Crafton Station, Pittsburgh, Pa.

*Buckhout, Nathan W., B. S. (Gen. Sci.).

*Buckhout, Nathan W., B. S. (Gen. Sci.).

Carpenter, Dan. E., B. S. (Elec. Eng.); Editor and Writer; 819 Richmond St., Scranton, Pa.

Carpenter, Francis M., B. S. (Agri.); Farmer and Salesman for Underwood and Underwood; R. D. No. 1, Plainfield, N. J.

Carrier, Aubrey D., B. S. (Chem.); Chief Chemist and Superintendent, West Virginia Pulp & Paper Co.; Mechanicsville, N. Y.

Finley, Walter H., B. S. (Min. Eng.); E. M. ('07); General Manager Campbell Coal Mining Co., and Westburne Coal Co.; Westburne, Tenn.

Fries, J. A., B. S. (Agri.); M. S. ('06); Assistant Director in Animal Nutrition. The Pennsylvania State College: State College.

trition, The Pennsylvania State College, Pa.

Gorr, Hosea G., B. S. (Elec. Eng.); Superintendent, Lighting Dept. and
Maintenance of Overhead Trolley for Street Railways; 340
Grandview Ave., Dubuque, Ia.

Griffin, W. T., B. S. (Elec. Eng.); Northeast, Pa.

*Haehnlen, J. Luther, B. S. (Chem.). Harding, Louis A., B. S. (Mech. Eng.); M. E. ('02); 1103 West Illinois St., Urbana, Ill.

Hayes, Laylon F., B. S. (Min. Eng.); Address and occupation unknown.

Heckel, Fred, Jr., B. S. (Chem.); M. S. ('11); With the Lewis Rim Manufacturing Co.; Bradford, Pa.

Lockwood, W. P. B., B. S. (Agri.); M. S. ('09); Professor of Dairying, Massachusetts Agricultural College; Amherst, Mass.

McCallum, N. W., B. S. (Civ. Eng.); Supervisior of Structures, Electrical Div., New York Central and Hudson River Railroad; New York, N. Y.

McKee, Mary G. (Mrs. H. E. Stitt), B. G. (L. L. G.)

McKee, Mary G., (Mrs. H. E. Stitt), B. S. (Lat. Sci.); 1289 Belle Ave.,

Lakewood, Ohio. Maxwell, Orin P., B. S. (Chem.); Pulp and Paper Maker, with the W. Va.
Pulp and Paper Co.; P. O. Box No. 41, Luke, Md.
Miller, Virgil H., B. S. (Agri.); Clerk, B. & O. R. R.; Friedens, Pa.

Miller, Virgii H., B. S. (Agri.); Clerk, B. & C. R. R., Friedens, Fa.
Minick, Jud L., B. S. (Elec. Eng.); E. E. ('07); Foreman Electric Dept.,
Penna, Railroad Co.; 2415 Broad Ave., Altoona, Pa.
Neubert, John, B. S. (Civ. Eng.); Engineer of Track, New York Central &
Hudson River Railway; 317 West 99th St., New York, N. Y.

^{*}Deceased

'99, N.--'00, D.

Norman, George M., B. S. (Chem.); Hercules Powder Co., DuPont Building, Wilmington, Del.

Reed, John C., B. S. (Elec. Eng.); Electrical Engineer in charge of Electrical work at Steelton, Penn'a Steel Co.; 2635 So. Second St.,

Steelton, Pa.
Rex, Robert V., B. S. (Min. Eng.); Superintendent Continental Works, H.
C. Frick Coke Co.; R. F. D., Uniontown, Pa.

Sherer, J. Norman, B. S. (Min. Eng.); Bellefonte, Pa.

Snyder, Charles B., B. S. (Mech. Eng.); Address and occupation unknown. Stevenson, Malcom R., B. S. (Chem.); Superintendent Blast Furnace, National Tube Co., McKeesport; Cor. Lang Ave. and Thomas B'vd, Pittsburgh, Pa.

Stevenson, William D., B. S. (Civ. Eng.); Electrical Supplies; 7026 Thomas Blvd., Pittsburgh, Pa.

Stewart, James L., B. S. (Mech. Eng.); Member of the firm of Stewart & Weaver, Builders and Contractors; 216 Commonwealth Trust Building, Harrisburg, Pa.

Stone, Clarence, B. S. (Mech. Eng.); Automobile Business; 1009 Main St.,

Stroudsburg, Pa.

Thomson, William H., B. S. (Agri.); Supt. Clearfield and Cambria Coal &

Trautman, Andrew H., B. S. (Civ. Eng.); Borough Engineer and Private Practice; Municipal Bldg., Homestead, Pa.

Tustin, Walton W., B. S. (Gen. Sci.); Address and occupation unknown. Wagner, Harry E., B. S. (Civ. Eng.); 17 South 11th St., Reading, Pa.

Way, Harry O., B. S. (Agri.); M. S. (705); Assistant Chief, Bureau of Laboratories, Department of Health, City of Cleveland; 421 Superior

Ave., Cleveland, Ohio.
Weaver, Victor M., B. S. (Elec. Eng.); Member of firm of Stewart & Weaver, Builders and Contractors; 216 Commonwealth Trust Building,

er, Builders and Contractors; 216 Commonwealth Trust Building, Harrisburg, Pa.

Williams, Edwin S., B. S. (Civ. Eng.); With C. W. Leavitt, Jr., Landscape Engineer; 220 Broadway, New York, N. Y.

Wood, Harry P., B. S. (Elec. Eng.); E. E. ('03); Professor of Electrical Engineering in the Georgia School of Technology; Atlanta, Ga.

Wood, William F., B. S. (Agri.); Assistant Manager and Book-keeper for the Farm and Creameries of Chas. H. Cook; Belle Meade, N. J.

Yundt, George J., B. S. (Elec. Eng.); Chief Engineer for the Southern Bell Telephone and Telegraph Co. and Cumberland Telephone and Telegraph Co., Inc.; 78 So. Pryor St., Atlanta, Ga.

CLASS OF 1900

Agnew, John, B. S. (Elec. Eng.); Address and occupation unknown. Berger, Augustus H., B. S. (Elec. Eng.); Public Service Co.; 115 3rd Ave., Newark, N. J.

Bolard, Clinton, B. S. (Elec. Eng.); Retail Furniture Business, Union City,

*Brady, Burke C., B. S. (Min. Eng.).

Bricker, Elizabeth B., B. S. (Biol.); M. S. ('08); M. D. ('03, Woman's Med. Col., Phila.); Medical Inspector for the Pennsylvania Department of Labor and Industry; Lititz, Pa.

Campbell, Harry C., B. S. (Agri.); Instructor at the University of Pennsylvania; Care University of Penna., Philadelphia, Pa. Cole, Franklin T., B. S. (Math.); White Plain, N. Y. *Diller, Rolland, B. S. (Min. Eng.).

Dimm, Wayne T., B. S. (Mech. Eng.); Chief Draftsman, Estimating Div., Engineering Dep't, Newport News Ship-building & Dry Dock Co.;

Newport News, Va. Dreher, Herbert C., B. S. (Civ. Eng.); 721 Rookery Building, Chicago, Ill.

^{*}Deceased

'00, E.—T.

Edwards, Oliver C., B. S. (Mech. Eng.); M. E. ('08); Standard Engineer for the Westinghouse Electrical Co.; 7716 Bennett St., Pittsburgh,

Gage, Robert B., B. S. (Chem.); With State Geological Survey; Trenton, N. J.

Gill, Arthur B., B. S. (Lat. Sci.); President of the Arthur B. Gill Co., Architects; Mutual Life Building, Philadelphia, Pa. Glenwright, Harry C., B. S. (Elec. Eng.); Wholesale and Retail Confec-

tioner; Pottsville, Pa.
Gordon, John W., B. S. (Biol.); M. D. (Univ. of Penna. '03); Physician; Clearfield, Pa.

Guy, Glen E., B. S. (Elec. Eng.); Sales Engineer, General Electric Co.;

1008 Illuminating Bldg., Cleveland, Ohio. Hamilton, Winfield C., B. S. (Chem.); M. S. ('08); Chief Chemist, American Steel Foundries; Granite City, Ill.; 8 Parkland Place, St. Louis, Mo.

Hess, Enos H., B. S. (Agri.); M. S. ('05); Vice President and Secretary Messiah Bible School and Missionary Training Home; Grantham, Pa.

Hoover, Roy J. D., B. S. (Mech. Eng.); Address and occupation unknown. Johnson, Howard C., B. S. (Civ. Eng.); Division Engineer, Vandalia Rail-

road; Logansport, Ind. Krebs, Wm. A. W., B. S. (Elec. Eng.); Ebensburg, Pa. Lundy, Bruce P., B. S. (Agri.); Superintendent, Avis Land Co.; R. D. No. 3,

Jersey Shore, Pa.

McKinley, Joseph, B. S. (Elec. Eng.); Manager Power Contracting Dept.,
Allegheny County Light Co.; 1621 Chislett St., Pittsburgh, Pa.

Mattern, Charles C., B. S. (Elec. Eng.); Inspecting and Testing Electric
Meters for the New York Edison Co.; 540 East 187th St., New

York, N. Y.

Miller, Decatur S., B. S. (Elec. Eng.); Electrical Engineer for the Connecticut Co.; 1584 Chapel St., New Haven, Conn.

Morgan, Davy S., B. S. (Elec. Eng.); Editor, Agents' Handbook of the Gen-

eral Electric Co.; 9 Gillespie St., Schenectady, N. Y. Nesbit, Joseph N. G., B. S. (Elec. Eng.); E. E. ('04); M. E. ('08); Professor of Experimental Engineering, Georgia School of Technology;

sor of Experimental Engineering, Georgia School of Technology, Atlanta, Ga.

*Oakwood, Albert W., B. S. (Mech. Eng.).

Pearce, Allen M., B. S. (Elec. Eng.); Superintendent for Penn. Public Service Co.; and Center and Clearfield Railroad Co.; Philipsburg, Pa.

Plank, David H., B. S. (Elec. Eng.); Electrical Engineer with the General Electric Co.; 418 Rugby Road, Schenectady, N. Y.

Pollock, Alfred C., B. S. (Lat. Sci.); District Sales Agent, with Jones & Laughlin Steel Co.; 421 Franklin Ave., Wilkinsburg, Pa.

Shaad, George C., B. S. (Elec. Eng.); E. E. ('05); Professor of Electrical Engineering, University of Kansas; University Heights, Lawrence. Kan.

rence, Kan. Shearer, Wayne L., B. S. (Biol.); M. D. (Univ. of Penna. '04); M. S. ('06);

Physician; 101 W. Greenwich St., Reading, Pa. Shoffstall, Arthur S., B. S. (Chem.); M. S. ('05); Assistant Superintendent,
Nickel Refinery, The International Nickel Co., Bayonne, N. J.;
Res., 269 Second St., New Brighton, Staten Island, N. Y.
Siegfried, Joseph H., B. S. (Elec. Eng.); E. E. ('05); Superintendent of
Power, Pacific Power & Light Co.; Kennewick, Wash.

Thompson, Ermine J., B. S. (Elec. Eng.); Address and occupation unknown. Thompson, John E., B. S. (Lat. Sci.); Superintendent Cambridge Works

American Sheet and Tin Plate Co.; 317 N. 9th St., Cambridge, Ohio.

^{*}Deceased

'00, T.--'01, H.

Throne, Abram H., B. S. (Mech. Eng.); R. D. No. 3, York, Pa. Warn, George K., B. S. (Phil.); Lawyer; With the Bell Telephone Co.; 5001

Catharine St., Philadelphia, Pa.

*Weekes, C. Q., B. S. (Civ. Eng.).

Wentzel, David E., B. S. (Chem.); Contractor; Bellwood, Pa.

York, Harvey J., B. S. (Chem.); Columbia Univ. ('04); M. S. ('08); M. D. (College of Physicians and Surgeons of N. Y.); General Manager

of the Malena Co.; 761 Cass Ave., Detroit, Mich.
Young, Lewis E., B. S. (Min. Eng.); E. M. (Iowa State College); Fellow
in Economics, 1914-15, University of Illinois; 619 W. Springfield

Ave., Champaign, Ill.

CLASS OF 1901

Alexander, Grace M., (Mrs. G. K. Reed), B. S. (Lat. Sci.); Elcentro, Calif. Arney, Albert M., B. S. (Elec. Eng.); Assistant Superintendent, Buffalo and Niagara Falls Electric Light and Power Co.; Niagara Falls, N. Y.

Bassler, Charles H., B. S. (Chem.); Supervising Foreman, New York and New Jersey Telephone Co.; 1960 82nd St., Brooklyn, N. Y.

Buckhout, William H., B. S. (Chem.); M. S. ('09); Chemist with Ledoux & Co., 99 John St., New York, N. Y.

Craig, John M., B. S. (Elec. Eng.); E. E. ('09); Superintendent Electric Car Lighting; Pennsylvania Railroad Co.; 1111 4th Ave., Altoona,

Crouch, Clayton E. Jr., B. S. (Mech. Eng.); Draftsman with the Interstate Engineering Co., Bedford; 9319 Gaylord Ave., Cleveland, O. Crumley, Thomas, B. S. (Elec. Eng.); Supt. of Motive Power, Evansville

Railways Co.; 10 Adams Ave., Evansville, Ind.

Cypher, Orren G., B. S. (Mech. Eng.); Mechanical Engineer with the
Matthiessen & Hegeler Zinc Co., 553 11th St., LaSalle, Ill.

Dodds, Arnot H., B. S. (Civ. Eng.); 4007 Tracy City, Kansas City, Mo.

Dodge, George W., B. S. (Mech. Eng.); M. E. ('04); Mill Engineering; Holyoke, Mass.

Elder, George A., B. S. (Elec. Eng.); Assistant to Manager, Switchboard Department, General Electric Co.; 1216 Union St., Schenectady,

Erb, Edward S., B. S. (Chem.); M. S. ('08); Chemist at Experiment Station, The Pennsylvania State College; State College, Pa.

Eynon, David L., B. S. (Min. Eng.); E. M. ('05); Charge Roll Dept., Carnegie Steel Co., Munhall, Pa.; 6348 Phillips Ave., Pittsburgh, Pa.

Fahnestock, J. Harvey, B. S. (Elec. Eng.); E. E. ('06); Assistant Traffic Manager, Harrisburg Division, Bell Telephone Co.; 2228 Penn St., Harrisburg, Pa.

Forster, I. G. Gordon, B. S. (Lat. Sci.); LL. B. (U. of P. Law School '04);

Lawyer; 1218 Chestnut St., Philadelphia, Pa.

Fugate, Thomas E., B. S. (Civ. Eng.); Assistant Supervisor with the Pennsylvania Railroad Co.; Altoona, Pa.

Gardner, Reuben J., B. S. (Elec. Eng.); Address and occupation unknown. Glasgow, Alfred S., B. S. (Elec. Eng.); Assistant Manager, General Electric Co., Los Angeles Office; 365 I. W. Hellman Bldg., Los Angeles, Cal.

Glenn, R. Olin, B. S. (Elec. Eng.); Foreman Detail Test Dept., Westinghouse Electric and Manufacturing Co.; 7633 Woodland Ave.,

Swissvale, Pa.

Haldeman, Paul C., B. S. (Mech. Eng.); Master Mechanic, Lukens Iron & Steel Co.; 536 Chestnut St., Coatesville, Pa.

Harris, Charles M., B. S. (Elec. Eng.); Master Mechanic, Washington Terminal Co. Washington D. C.

^{*}Deceased

'01, H.-W.

Harter, Sarah B., (Mrs. R. W. Salisbury), B. S. (Gen. Sci.); 226 Calhoun

St., Baltimore, Md. Heaton, Harry C., B. S. (Civ. Eng.); Civil Engineer; 27 East Gowen Ave., Mt. Airy, Philadelphia, Pa.

Hunsicker, Harry J., B. S. (Elec. Eng.); Electrical Engineer, Adirondack Electric Power Corp, Glens Falls, N. Y.

Hunsicker, John, Jr., B. S. (Mech. Eng.); Secretary, Hunsicker Engineer-

ing Co.; 418 Cumberland St., Lebanon, Pa. Ishler, Willis A., B. S. (Elec. Eng.); Designing Engineer Transformers General Electric Co., Pittsfield Works; 247 Francis Ave., Pittsfield,

Kittredge, George H., B. S. (Mech. Eng.); General Manager, National Ice

& Storage Co., Columbus, Ohio.

Kuhn, Samuel H., B. S. (Civ. Eng.); Supervisor with the Pennsylvania
Railroad Co., on general maintenance work; 115 S. Second St.,

Olean, N. Y.

McCleary, Elmer T., B. S. (Chem.); Assistant General Superintendent,
Youngstown Sheet and Tube Co.; 1515 Elm St., Youngstown, O.

Miller, Franklin F., B. S. (Civ. Eng.); Address and occupation unknown.

Miller, Olive C., B. S. (Gen. Sci.); State College, Pa.

Miller, Thomas H., B. S. (Mech. Eng.); With the Semet Solvay Co.; Syracuse, N. Y.

Mingos, Harry L., B. S. (Elec. Eng.); Address and occupation unknown. Moke, Josiah B., B. S. (Civ. Eng.); Dravo Contracting Co.; 271 Main St., Pittsburg, Pa.
Moore, Brooke L., B. S. (Chem.); Chief Chemist, The Mountain Copper

Co.; P. O. Box 55, Martinez, Calif.

Nelson, Harry R., B. S. (Chem.); Superintendent, Warner Chemical Co.; Carteret, N. J.

Pollock, William C., B. S. (Min. Eng.); Mine Foreman; Sonman, Pa.

Raub, Charles H., B. S. (Mech. Eng.); Member of the firm of Snyder & Raub, Engineers and Contractors; 5344 Wingohocking Terrace,

Philadelphia, Pa.

Reed, George K., B. S. (Min. Eng.); Elcentro, Calif. Ritenour, Joseph P., B. S. (Biol.); M. D. (Univ. of Penna. '06); Physician; 21 Mill St., Uniontown, Pa.

Robbins, Harris A., B. S. (Elec. Eng.); Supt. of Power, Brooklyn Rapid

Transit System; 85 Clinton St., Brooklyn, N. Y.
Robbins, Joseph D., B. S. (Mech. Eng.); Robbins Station, Pa.
Rogers, James C., B. S. (Biol.); M. D. (Univ. of Penna. '05); Physician; Bellefonte, Pa.
Ross, William F., B. S. (Biol.); M. D. (Jefferson Med. Col. '05); Physician;
New Kensington, Pa.

Ruble, Joseph S., B. S. (Mech. Eng.); Engineer, Samuel Austin & Son Co., Architects, Contractors and Builders, Cleveland, Ohio. Salisbury, Robert W., B. S. (Mech. Eng.); Mechanical Engineer, Texas &

Pacific Railroad Co.; Marshall, Texas.

Schnure, William M., B. S. (Elec. Eng.); Banker; First National Bank, Selinsgrove, Pa.

Scholl, Leroy, B. S. (Min. Eng.); E. M. ('08); General Engineering with

Busch & Stewart, Contractors; So. Williamsport, Pa. Shoop, Charles F., B. S. (Math.): B. S. (Mech. Eng. '04); Assistant Professor Experimental Engineering, University of Minnesota;

Minneapolis, Minn.
Smith, Willard A., B. S. (Chem.); Chemist with the E. I. du Pont de Nemours Powder Co.; DuPont, Pierce Co., Wash.
Stuart, George J., B. S. (Mech. Eng.); Chief Engineer, Pittsburgh Valve, Foundry and Construction Co.; 184 Sprague Ave., Bellevue, Pa. Wise, Guy, B. S. (Mech. Eng.); Dept. of Public Works, Survey Bureau;

Room 412 City Hall, Philadelphia, Pa.

CLASS OF 1902

Bierbauer, Carl F., B. S. (Chem.); Chemist with the American Nickel Works; 10th & State Sts., Camden, N. J.
Blair, Harold A., B. S. (Biol.); M. D. ('06, Univ. of Penna.); Physician; Curwensville, Pa.
Burton, James K., B. S. (Chem.); M. S. ('05); Consulting Chemist, Ammon-

ia Recovery and Manufacture; 1812 Beechwood Ave., Nashville, Tenn.

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CLASS OF 1909

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Ricker, Spangler, B. S. (Min. Eng.); Address and occupation unknown. Rodabaugh, Johnson F., B. S. (Mech. Eng); Address and occupation unknown.

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Rudin, John W., B. S. (Min. Eng.); Assayer and Chemist, U. S. M. R. Co., Grasseli Lake Co.; 30 William St., Hammond, Ind.

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Skemp, Leo N., B. S. (Agri.); Superintendent of Construction, Scottdale, Pa. Smelo, William M., B. S. (Civ. Eng.); C. E. ('14); Bridge Designer, Department of State Engineer and Surveyor, Albany, New York; Barge Canal Office, Lyon Block Bldg., Albany, N. Y.

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CLASS OF 1910

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Underhill, Augustus M., B. S. (Elec. Eng.); 816 Real Estate Trust Bldg.,
Philadelphia, Pa.
Van Reed, Clyde S., (Ind. Eng.); 403 Douglass St., Reading, Pa.
Varden, Frank W., B. S. (Hwy. Eng.); Mercersburg, Pa.
Veve, Rafael A., B. S. (Agri. Chem.); Fajardo, Porto Rico.
Vogel, Oliver J., B. S. (Agron.); R. F. D. No. 8, Butler, Pa.
Vogel, Edwin P., B. S. (Agron.); R. F. D. No. 8, Butler, Pa.
Warner, Harry O., B. S. (Elec. Eng.); 35 South Third St., Steelton, Pa.
Warr, John R., B. S. (An. Husb.); Woodland Road, Abington, Pa.
Weaver, Frederick P., B. S. (Agri. Chem.); University Club, State College, Pa.

lege, Pa. Webb, Alan G., B. S. (Hort.); State College, Pa.

Welling, Henry, B. S. (An. Husb.); 440 Rutherford Ave., Trenton, N. J. West, John Patterson, B. S. (Min. Eng.); 107 Blooms St., Danville, Pa. Weston, Harry B., B. S. (Civ. Eng.); 104 Grandview Road, Ardmore, Pa. Wetzel, Harry H., B. S. (Ind. Eng.); 415 Hazle St., Tamaqua, Pa. Wheeler, Jerome J., B. S. (Forest.); 55 Central Ave., Wellsboro, Pa. Whitman, Samuel N., B. S. (Civ. Eng.); 249 Lincoln St., Steelton, Pa. Wiener, Howard C., B. S. (Forest.); 413 So. Franklin St., Wilkes-Barre,

Wilfong, J. Edwin, B. S. (Forest.); Montrose, Pa. Williams, Eunice S., B. S. (Home Econ.); 805 Radcliffe St., Bristol, Pa.

NUMERICAL SUMMARY OF GRADUATES

Class	Number graduated	Number deceased	Class .	Number graduated	Number
Class 61 62 63 64 65 66 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83	graduated 12 16 6 8 9 1 3 1 5 7 4 6 7 4 6 7 4 6		Class - 90 . 91 . 92 . 93 . 94 . 95 . 96 . 97 . 98 . 99 . 00 . 01 . 02 . 03 . 04 . 05 . 06 . 07 . 08 . 09 . 10 . 11	graduated 22 16 22 35 37 45 43 43 52 29 72 73 95 90 134 125 143 170	Number deceased 0 0 1 1 2 3 1 3 3 2 4 0 5 3 2 1 1 0 1
84. 85. 86. 87. 88.	4 10 4 3 6	1 0 0 0 2 2	12	243 293 324	1 0 0
89	14	2	Living gradua	tes.	2587 96 ———————————————————————————————————

Geographical Distribution

UNITED STATES

ALABAMA	San Francisco	Waterbury
ALABAMA		14—Hall, H. G.
Birmingham	89—Struble, J. B.	
93—Foster, John.	92—Saylor, W. H. 95—Burkett, C. W.	DELAWARE
05—Reimel, E. J. 10—Sutton, E. B.	98—Dodge, L. G.	Clayton
11—Chubbuck, E. E.	05—Crawford, J. L.	07—Swenk, R.
Coal City		Edge Moor
93—Fay, C. R.	COLORADO	93—Girvin, C. J.
Ensley	Boulder	Wilmington
96—Thomas, C.	90—Hunter, J. A., Jr.	99—Norman, Geo. M. 05—Gates, F. S.
10—Cromwell, H. R.	Cokedale	08—Evans, D. F.
Garnsey	07—Dodge, D. D.	12—Strickhouser, H. L.
08—Henry, J. T.	11—Bubb, H. H.	
Robertsdale	Colorado Springs	DISTRICT OF COLUMBIA
10—Vorhis, L. F	04—Risser, A. K.	Washington
ARIZONA	Denver	79—Leitzell, S. M.
Clifton	13—Brady, P. J.	94—Mattern, L. W.
07—McIlveen, H. C.		96—Klock, R. A.
Crown King	Florence 96—Knoch, F. E.	98—Ansart, L. L.
12—Ancona, E. P.	Fort Collins	98—Sponsler, C. F. 01—Harris, C. M.
Phoenix	12—Little, W. P.	06—Foltz, T. F.
13—Ziegler, P.	Gunnison	06—McConnell, W. R.
ARKANSAS	12—Borden, H. L.	06—Quiggle, J. W.
Jonesboro	Saquache	07—Deysher, E. F.
13—Ely, G. R.	10—Bliss, C. F.	07—McGee, J. G.
	Walsenburg	07—Potteiger, C. R.
CALIFORNIA	04—Elder, P. G.	07—Powick, W. C.
Cement	07—Thompson, S. M.	08—McMillen, H. R.
12—Stofflet, H. M.	CONNECTICUT	08—Meckley, R. B.
Dixon		09—Byers, W. C.
03—Kyle, J. V.	Ansonia	10—Gill, J. B.
East Oakland 07—Sandles, M. C.	12—Kriebel, W. S. Bridgeport	11—Dickey, J. B. R.
Elcentro	13—Fischer, A. F.	11—Siegler, E. H.
01—Reed, Mrs. G. K.	Cheshire	11—VanKeuren, H. L.
01—Reed, G. K.	10—Braubaker, J. R.	12—Beck, M. W. 12—Craighead, F. C.
Keddie	Danbury	12—Kerr, J. A.
13—Swift, T. D.	11—Fulton, T. D.	12—Kirk, N. M.
Los Angeles	Deep River	12—Sears, H. M.
68—Comstock, T. B.	14—O'Shea, T. L.	12—Snyder, J. M.
95—Rutherford, T. W.	Hartford	12—Wertz, F. A.
97—Lawrence, Chas. W.	07—Smith, C. H.	12—Wolfe, S. L.
01—Glasgow, A. S.	11—Strayer, T. F.	13—Deeter, E B.
04—Woods, W. A.	11—Westerman, J. H.	13—Patrick, A. L.
07—Schuyler, F. S.	Lyme	13—Whitney, R. B.
10—Beebe, L. B.	92—Bush, E. W.	14—Fultz, M. E.
Martinez	Naugatuk	14—Smith, E. W.
01—Moore, B. L. 05—Fritchey, R. H.	13—White, W. L. New Haven	FLORIDA
Orland	93—Wieland, G. R.	Bradentown
06—Ready, M. E.	00—Miller, D. S.	66—Barrick, D. H.
Riverside	09—Furst, W. B.	08-Gould, F. H.
09—Butterfield, H.	11—Goodyear, N. M.	Eustis
San Berardino	Norfolk	04—Armsby, C. L.
11—Sleppy, K. B.	13—Curtiss, H. P.	13—Armsby, E. M.

FLORIDA—Continued
Fel]smere
05-Curry, B. R.
07—Cook, N. J.
(Mrs. B. R. Curry
Calmanyilla

Galnesville 10-Pollock, S. T. Jacksonville 07-Heckert, E. F.

Mt. Dora 09—Sadler, S. S. St. Petersburg 11-Kitchen, Ernest

GEORGIA

Athens 09-Long, D. D. Atlanta 99---Wood, H. P. 99—Yundt, G. J. 00—Nesbit, J. N. G. 05-McLaughlin, E. F. 05-Neely, F. L. 11-Summer, H. N. Augusta 13—Leemon, C. M. Brunswick 08—Ferguson, J. E. Clayton 11—Shields, R. W. 12—Spahr, H. G. Homeland 06—Zarfos, J. H. Savannah 11-Lyon, M. A. 12—DeCharms, R., Jr.

IDAHO

Jerome 08-Zink, H. A. Twin Falls 09—Wilcox, E. A. 09-Woltz, F. I.

ILLINOIS

Austin 06—Arnold, R. B. Batavia 08—Brenneman, G. S. 09—Simon, F. F. Berwyn 07—Spangler, J. J. Champaign 00-Young, L. E. Chlcago 74—Crumbaugh, F. 88-McKee, G. C.

90-Jackson, W. B.

91—Camp, W. M. 96—Jones, H. H. 96—Kelker, R. F. 97—Thompson, W. R. 00—Dreher, H. C. 03—Glenn, H. G. 04—Cook, H. R. 04—Gearhart, H. G. 05-Murray, P. E. 06-Heckathrone, W. G. 07-Bevan, P. A. 08—Hastings, G. B. 08—Krise, R. W. 08—Perry, J. E. 08-Severance, R. C. 09—Fuhs, W. 10—Agee, H. H. 10—Doud, A. D. 10—Meisner, L. F. 10-Purdy, D. F. 10-Shnerr, C. A. 11-Bowman, H. N. 11—Breitinger, C. M. 11—Garrison, J. G. 11-Long, H. E. 11—Perham, D. E. 11—Powell, T. W. 11—Smith, S. H. 11—Spangler, J. N. 12—Brown, N. H. 12—Kern, P. E. 13-Dosch, H. C. 13—Grubbs, M. M. 13—Thayer, P. G. 13—Weaver, O. D. Cicero 13—Jones, C. M. 13—Wood, L. F. Elmshurst 11-Eigelberner, J. Evanston 61—Smith, C. A. Harrisburg 08-Lee, E. C. Joliet 03—Snyder, Effie C. S. 11-Diehl, J. L.

LaSalle 01—Cypher, O. G. Lockport 03—Dodge, F. P. Maywood 97-McCullough, J. E. Rockford 13—Diehl. 99-Harding, L. A. Warren

Aetna 07—Steig, F. B. 10-Messersmith, C. P.

INDIANA

Ainsworth 65-Blickensderfer, U. Evansville

01—Crumley, T. Fort Wayne

05—Offutt, H. C. Hammond

97—Thompson, J. 09—Ryan, J. P. Huntingdon

05—Gentzel, P. H. Kendallville Alexander, W. I.

Lafayette 11-Roop, J. H. 12-Rhoads, R. L. 13-Etters, D. B.

Logansport 00-Johnson, H. C.

Richmond 06—Sankey, H. M. South Bend

90—Bryan, F. A. Washington 07—Mumma, M. C.

West Lafayette 95—Peffer, H. C.

IOWA

Ames 11—Hauser A. J. 13—Ikeler, K. C. 07—Reece, P. P. Des Moines 07—Little, A. K. 08—Stoll, J. G.

Dubuque 99—Gorr, H. G. Iowa City

07-Gilmore, D. P. 12-St. Clair, S. Sioux City

08-Eckert, E. T.

KANSAS

Diamond Springs 76—Manley, W. M. Lawrence 95—Patterson, D. L., Jr. 00-Shaad, G. C. 68—Stavely, J. H. Manhattan

11-Throckmorton, R. I. 12—Lewis, J. D.

KENTUCKY	Bond	11—Devers, P. K.
	08—Bloom, S. W.	12—Hibshman, A. E.
Allen	College Park	Pittsfield
11—Quickel, K. M.	86—McDonnell, H. B.	85—Chesney, C. C.
Fleming	86—Patterson, H. J.	01—Ishler, W. A.
07—Garrett, C. R.	05—Creese, M.	04—Thompson, I. P.
Fulton	11—Metzger, J. E.	05—Krone, W. E.
98-Morgan, M. B.	Frederick	05—Madden, J. J. K.
Jenkins	13—Brown, J. P.	08—Blanchard, C. R.
05—Robinson, W. H.		08—Woodside, F. C.
	Hagerstown	08—Woodward, J. D.
07—Evans, C. G.	09—Kohler, Harry B.	
09—Barnett, A. L.	14—Kohler, J. E.	10—Gearhart, S. G.
Lexington II D	Indian Head	10—Smith, L. W.
05—Easton, H. D.	10—Lams, W. R.	10—Wanner, R. K.
08-Quickel, R. D.	Jarrettsville	11—Kline, C. H.
Newport	11—Reitz, W. W.	11—Stewart, C. R.
06—Fleming, W. R.	Luke	13—Burgess, L. P.
Owensburg	99—Maxwell, O. P.	13—Holly, H. C.
12—Maurice, F. M.	12—Watts, B. D.	13—Horning, R. B.
LOUISIANA	Sparrows Point	13—James, H. M.
	05—Ray, E. H.	13—Todd, H. L.
Eunice	10-Sullivan, J. E.	Springfield
98—Espenshade E. B.	13—Longenecker.	93—Butts, E. P.
Paradise	Westernport	93—McElwain, C. M.
12—DeHaas, G. M.	08—Scribner, B. W.	(Mrs. E. P. Butts)
MAINE	· ·	14—Leyden, J. A.
Auburn	MASSACHUSETTS	Swampscott
08-Bainbridge, E. F.	Amherst	02-Maddock, J. R.
Calais	99—Lockwood, W. P. B.	Watertown Arsenal
11—Smith, O. F.	13—Hillary, W. H.	09—Clay, W. L.
Mechanic Falls	Andover	West Newton
	14—Lindsay, L. P.	96—Bowen, B. J.
11—Gwilliam, G. T., Jr.	Boston	Worcester
Orono	90—Walker, W. H.	
02—Hanson, H. H.	92—Hile, C. H.	07—Walker, C. W.
12—Transue, V. M.	95—Mathias, R.	08—Myers, A. McI.
MARYLAND	08—Thomas, E. M.	10—Kerr, G. W.
Baltimore		10—Mentzer, E. K.
	10—Wharen, G. B.	MICHIGAN
85—Roberts, D. E.	12—Kitchen, A. P.	
87—Strouse, W. F.	Brockton	Bay City
92—Pratt, H. R.	03—Tuholski, D. B.	03—Decker, J. R
97—Schueler, J. E.	Brookline	Bessemer
98—Cochran, W. P. 99—Beverle, W. P.	85—Jackson, D. C.	14—Johnston, F. B.
99—Beverle, W. P.	06—Crocker, F. W.	Cadillac
01—Harter, S. B.	Cambridge	12—Stephens, T. V.
(Mrs. R. W. Salisbury)	06—Van Dine, P. B.	Detroit
04—Dorworth, W. J.	Cliftondale	68—Cram, R. J.
05—Bennett, C. A.	05—Butler, B. C.	70—Cram, A. B.
06—Bair, R. W.	Dorchester	76—York, C. F.
09—Higgins, N.	05—Yarnall, J. H.	90—Mock, J. C.
11—Clapp, R. B.	Great Barrington	00—York, H. J.
11—Corbett, M. S. Q.	86—Darlington, F.	04—Considine, J. P.
11—Kessler, Katherine,	Holyoke	04—Edler, J. D.
(Mrs. M. S. Q. Corbett.)	93—Caughey, C. M.	10—Barbey, J. W.
12—Jordan, J. G.	01—Dodge, G. W.	11—Himberger, O. C.
13—Fulkman, J. A.	Lynn	12—Gage, H. E.
13—Shollenberger, J. H.	91—Green, C. M.	12—Kann, W. L.
14—Gillet, M.	02—Harper, C. G.	13—Fryberger, P. S.
14—Steel, C. L.		
Berlin	03—Clendenin, J. C.	13—Holler, C. D.
	05—Kreidler, R. L.	flint
14—Hammond, H. S.	07—Miller, L. B.	11—Haverstick, B. M.
	313	

MICHIGAN—Continued Butte Belle Meade 08-Burns, H. M. 99-Wood, W. F. Grand Rapids 12-Farenwald, B. Belleville 12—Wilcox, R. H. Canyon Ferry 05-Goodman, E. N. Jackson 03-Kirk, W. L. Bloomfield 01—Campbell, G. N. Cut Bank 04—Fenstermacher, C.N Lansing 09—Amer, H. S. 11—Romanelli, E. 06-Bartlett, J. W. 09—Devor, D. S. East Helena Rogers 08-Hickman, E. C. Bordentown 12-White, W. F. Fort Shaw 08—Johnson, J. H. MINNESOTA 05-Gorham, F. A. Camden 13-Lightfoot, H. C. 02—Bierbauer, C. F. Duluth Glasgow 05—Lowe, F. H. 64—Jones, A. C. A. 12-Zullinger, H. G. Cape May City 98—White, J. W. 02-Hughes, E. C. Great Falls Ely 07-Kerr, Stanley A. Carteret 13—Cecil, C. L. 11-Briner, R. M. 01-Nelson, H. R. Hibbing Helena Chatham 12—Burgett, P. V. 03-Miles, W. R. 13-Kirkpatrick, H. H. Little Falls Collingswood 92-Stephenson, J. W. 13—Harman, J. M. 14—Capewell, P. H. Litchfield Dover Jocko 11—Amidon, G. A. 10-Ransom, W. H. 10-Faunce, C. D. Minneapolis Mondak East Orange 01—Shoop, C. F. 04—Pray, F. E. 08—Geise, W. R. 03—Dennington, A. R. 05—Patterson, J. C. Polson 05—Fitzimons, V. 13—Anderson, R. W. 09-Maurhoff, P. A. L. 05—Kuhn, L. O. St. Ignatius 11—McMillan, W. H. St. Paul 13—Henning, L. C. Elizabeth 72—Wright, F. P. 10—Hipple, J. S. Wagner MISSOURI 12-Cathcart, S. H. 12—Freegans, R. M. Fort Mott Joplin **NEBRASKA** 11—Stahle, C. T. 11—Ellis, Edgar Y. 12—Thompson, M. I. (Mrs. C. T. Stahle) Kansas City Omaha 85-Nishkian, P. F. 80-McCombs, J. K. Glen Ridge 12-Schaeffer, H. M. 01-Dodds, A. H. 87—Fisher, W. P., Jr. 05-Weaver, G. Rushville Haddonfield 10—Whitman, C. S. 11—Bowman, D. C. 11—Leicey, N. W. 82—Dale, H. C. 14—Buchanan, H. L. 14—Taylor, N. E. NEVADA 11-Swope, R. W. Harrison Mary Mine 10—Summers, J. A. 12-Detchon, B. C. 09-Miller, F. B. Hoboken 12-Swope, E. E. 05-Morgan, J. J. Moberly NEW HAMPSHIRE 06-Price, E. P. 96—Greenland, W. W. Durham Irvington Springfield 06-Wolff, W. H. 06—Corse, C. J. 12-Hutton, F. Z. Jersey City 05—Geib, H. R. 11—App, Frank St. Louis 78—Christie, E. H. **NEW JERSEY** Lakewood 00-Hamilton, W. C. Asbury Park 91—Griffin, F. A. 03—Norris, E. R. 05—Beck, C. H. Long Branch 68—Hughes, H. 13-Duffield, H., Jr. 09—Martsolf, C. M. 11—Webber, E. M. Atlantic City 10—Parsons, L. W. Longport

Billings 07-Snyder, W. B. 11-Snyder, H. V.

14—Coffman, A. B.

MONTANA

11-Snyder, J. M.

03-Monahan, Frank

13-Goldenberg, C. C.

14—Gage, G. R.

Bayonne

14—Painter, L. A.

05—Bashore, E. G.

13-Carroll, B. A.

14—Foulkrod, R.

14-Trappe, T. A.

96—Fisher, B. F.

13-Grubbs, N. S.

Merchantsville

Montclair

Mount Holly

NEW MEXICO lewark 09—Goodhart, H. H. 91—Yocum, J. H. 97—Myers, E. H. 00—Berger, A. H. 05—Yoder, F. E. 06—Dumm, W. J. P. o9—Goodhart, H. A.
o9—Haven, W. A.
o9—Mitchell, R. W.
11—Castro, T. B.
11—Pinner, R. F.
12—Carson, E. W.
12—Colburn, J. P. Albuquerque 09—Waha, H. B. Elephant Butte 08—Stanton, H. S. 10—Jones, A. H. 10—Speer, G. F. 12—Niebling, W. L. 12—Pier, H. M. 08—Caruthers, J. L. 13—Cassin, Louis Rosewell 13—Gayton, F. L. 97-Mason, C. E. 13—Reeves, E. J. Santa Fe New Brunswick 14—Foell, A. L. 10—Yarnall, I. T. Canton 11-Pelton, W. C. Santa Rita 13-Dickey, G. D. 10—Gallinger, W. N. 13—Bier, R. Cornwall-on-Hudson Tres Predras erth Amboy 05-Hoke, W. B. 12—Loveridge, E. W. 12—Walter, C. A. 05-Hornbaker, J. E. hillipsburg **NEW YORK** Dobbs Ferry 12-De Turk, J. A. 93-Mattern, R. B. Albany laInfield East Otto 94—Guyer, A. G. 09—Smelo, W. M. 11—Davis, N. E. 99—Carpenter, F. M. 13-Matterson, D. A. rinceton 08-Baver, W. S. 07—Snyder, E. H. Alfred 12—Osuna, Jose 11—Meade, Devoe 07—McWilliams, J. B. 10—Watson, G. J. lahway 14—Bauman, E. K. 09-Dodson, C. F. Flushing Red Bank 03-Stauffer, E. B. Bainbridge 79—Greenawalt, F. B. Falconer 89—Roop, C. G. **₹ichland** Beechford 14—Ford, E. R. 92—Schaeffer, M. E. 13—Townsend, R. S. 14—Johnson, L. E. Ingwood Manor Bridge Hampton Fort Terry 04—McCamant, B. 14-Sayre, R. J. 09—Frick, A. G. Broadalbin Glen Falls loselle Park 97-Tyson, R. E. 14—McVean, J. D. 01-Hunsicker, H. J. 03-Musser, H. D. Brooklyn Herkimer (Mrs. R. L. Duff) 95—Reed, L. A. 11-Chubbuck, M. E. 01—Bassler, C. H. Ithaca 05—Duff, R. L. 10-Work, P. 01-Robbins, H. A. lutherford 06—Schleeder, L. B. 09—Barnes, J. K. 02—Handlong, G. Jamestown 03—Cummings, R. L. 13—Stoeltzing, R. L. 14—Ingerson, H. G. 04—Kottcamp, J. P. 05—Aungst, R. H. H. 09-Fleming, C. N. South Amboy LaFargeville 06-Flickinger, C. D. 14—Resch, E. C. 13—Prather, P. W. 06—Glenn, B. B. (Mrs. J. P. Kottcamp) Long Island City Bummit 05—Hurst, G. E. 14—Metz, H. H. 14—Hamill, R. L. 08—Isenburg, D. A. Trenton 12—McConnell, T. C. Manhasset 00—Gage, R. B. 13—Saylor, R. B. 11-Smith, Morell 05-Grimm, H. M. 14-Welling, H. Mayville 14—Dose, F. C. Ipper Mont Clair Buffalo 14-Grundhoeffer, E. F. 92-Pond, F. J. 89—Miles, H. D. Mechanicsville entor City 94—Barndollar, F. M. 95—Gibboney, W. K. 99—Carrier. A. D. 13-Knauer, C. H. 07-Bratton, W. C., Jr. 95-Harder, E. P. Vestfield 13—Hyatt, E. M. 96-Glosser, H. H. New York City 11—Keyes, S. H. Vest Hoboken 05—Rainey, P. M. 96—McCaskey, W. B. 97—Sellers, P. E. 66-Breneman, A. A. 82—White, J. G. 87—White, W. F. 04—Arbuthnot, J. H. 07—Mitchell, R. S. 89—Waldron, J. M. 90—Brew, W. P. 05-Webster, G. E. 08—Dry, R. R. 08—Irwin, R. W. Voodbury 07-Wright, E. R. 90—Gossler, P. G.

NEW YORK-Continued

90-Leyden, H. R. 90—McLean. H. B. 91—Bartley, W. A. 91—Clarke, C. C. 92—Atherton, C. M. H. 93—Rothrock, W. P. 97—Whitten, W. M. 98-Keiser, C. B. 98-McAllister, A. S. 98-Norris, C. W. 99—McCallum, N. W. 99-Neubert, J. 99-Williams, E. S. 00—Mattern, C. C. 01—Buckhout, W. H 03—McLarn, E. S. 03—Shaffer, F. R. 04—Gray, M. L. 04—Milholland, H. C. 04-Mylin, A. H. 04-Swanger, C. H. 05-Barnett, R. P. 06-Chrisman, J. C. 06—Hays, O. C. 06—Killmer, M. I. 06-Rhoads, J. C. B. 07-Garrahan, F. B. 08-Burns, C. H. 08—Gramley, B. S. 08-McCoy, J. H. 08—Snider, J. B. 08—Vetter, W. 09—Bowes, O. C. 09—Neary, E. J. 09—Schroeder, W. F. 09-Welsh, F. S. 10—Bloom, L. L. 10—Heim, W. M. 10—Hirshman, C. F. 10-Patton, H. M. 10—Rumsey, B. G. 10—Santee, W. J. 10—Wescoat, W. E. 11-Butz, E. D. 11-Davis, E. F. 11—Guthrie, R. G. G. 11—Heibel, W. E. 11—Neidig, W. N. 11—Nowell, C. C. 11—Yaney, E. P. 12—Davis, H. E. 12—Devor, J. H. 12—Hayes, A. W. 12-Hazle, J. C. 12-Zierdt, C. H. 13—Black, S. R. 13—Ehrhart, E. O. 13—Reel, J. H.

13-White, Helen

14-Adams, W. A. 14-Gerth, C. R. 14—Jamieson, J. T. 14—Little, W. R. 14—Rabell, Jos. Niagara Falls 95-MacDonald, R. L. 95-Marshall, J. G. 95-Seibert, G. E. ol—Arney, A. M.
ol—Perry, L. E.
ole—Shed, J. L.
lo—Patterson, R. L.
ll—Scott, W. R. K.
ll—Geible, J. F. 13-Lavers, G. E. 14-Lewis, M. J. Olean 01-Kuhn, S. H. Oneonta 07-Small, J. A. Ossining 62-Shinn, W. A. Ripley 12—Miller, G. E. Rochester 04—Kittredge, H. C. 12—Binder, C. G. 14—Binder, W. G. Roseton 90-Abreu, D. W. Savona 12-McCreary, J. L. Schenectady 00-Morgan, D. S. 00-Plank, D. H. 01-Elder, G. A. 02—Isenberg, J. E. 02—Smith, P. E. 03—Beckert, E. H. 04-Noble, P. O. 04-Tritle, J. F. 06-Adams, L. F. 06—Hershey, F. 06—Jacobs, H. M. 06—Lower, N. M. 07—Ruder. W. E. 08—Hull, F. A. 09—Barlow, W. R. 10-Bower, G. W. 10-Summer, W. C. 11—Krape, R. D. 11—Miller, A. D. 11-Webb, L. W. 12-Bright, R. A. 12—Klopp, J. B. 12-McCune, R. W. 12-May, C. W. H. 12-Musser, C. K.

12-Naginey, G. M. 13-Armstrong, W. H. 13-Arnold, S. 3rd 13-Brownlee, H. C. 13-Emerick, A. B. 13—Erwin, R. G. 13—Evans, F. J. 13—Grabe, C. G. 13—Hawley, E. W. 13-Moffatt, F. R. 13-Rose, H. M. 13—Stiner, H. W. Staten Island 00-Shoffstall, A. S. 04—Rentschler, M. J. 05—Swartz, T. A. Suffern 12—Dahl, C. E. 13-Blank, J. F. Syosset, L. I. 92-Lloyd, N. M. Syracuse 93-Dunkle, H. E. 98—Thompson, Mabelle (Mrs. J. E. Woodcock) 01—Miller, T. H. 03—Jones, D. A., Jr. 05—Saunders, F. J. 07—Adams, C. J. 07—Lomis, A. W. 12—Gheen, R. T. Troy 03-Streeter, R. L. Washingtonville 09-Pennell, C. H. Watertown 07—Cassel, C. C. White Plains 00-Cole, F. T. Woodhaven 03-Stoeltzing, H. E. 02-Heidelbaugh, W.W. Yorktown Heights 90—Beaver, G. A. NORTH CAROLINA Andrews Asheville 93—Brown, S. H. Big Laurel 09-Lawsing, A. L. Crossnore 90—Brown, P. M. Highlands

11-Hemingway, R. F.

Fritz, J. J. Lincolnton

13—Derrick, B. B.

07—Shank, L. C.
09—Marsh, K. H.
09—Hey, H. A.
10—Eipper, W. R.
10—Stover, C. R.
11—Hauser, A. J.
11—Taylor, F. D.
12—Clemmer, P. W. Steubenville forth Carolina-Continued 97-McGee, F. R. 07-Waltman, E. G. West Raleigh 10—Pillsbury, J. P. 13—Stoddard, E. F. Toledo 07-Brady, H. A. Wilmington 12...Mills, L. D. 93-Gross, D. W. Wooster 13-Kinney, H. T. 11—Humphrey, J. G. 11—Walton, R. C. 12—Beegle, F. M. NORTH DAKOTA 12—Fisher, H. H. 12—Mason, W. M. Fargo Youngstown 12—Tanguy, E. E. 13-Werner, H. O. 85-Barrett, J. C. 13-Norris, D. G. 01—McCleary, E. T. 06—Wood, E. R. OHIO 13-Vosburg, G. F. Akron 14-Davey, M. L. 07-Russell, D. A. 09-Pond, A. F. 14—Wetzel, H. H. 11—Clark, J. O. 12—Freed, R. A. 13—Darragh, B. A. 11—Steinfurth, E. A. Columbus 12_Evans, LeRoy 80—Hamill, J. L. 93—Greenwood, H. E. 12—Smith, J. P. 12—Yost, P. B. 13-Field, R. A. 01—Kittredge, G. H. Ashtabula 03—May, E. H. 06—Harper, A. C. OKLAHOMA 12—Eastabrook, V. S. Bellefontain Bartlesville 09-Hay, T. R. 05-MacDonald, A. A. 14—Schoenfeld, D. L. Conneaut 3urg Hill Guthrie 95—Cummins, T. R. 13-Close, H. A. 86-Holter, G. L. Cambridge East Cleveland Muskogee 00-Thompson, J. E. 96—Jessop, F. W. 02-Ford, A. G. Elyria Oklahoma City 89-Hawk, W. B. N. 09-Howland, J. A. 91-Field, J. W. 92-McKee, W. Cincinnati Sperry 11-Yeckley, H. J. 96—Gingrich, C. S. 96—Gingrich, C. S.
07—Root, J. E.
88—Bixby, B. H.
09—Postelthwaite, P. B.
09—Thomas, P. E.
10—McNary, S. J.
11—Barton, L. C., Jr.
11—Glenn, W. S. 12-Lesh, F. T. Fostoria 95-Geary, H. H. OREGON 07—Gift, D. R. Hillsboro Hanging Rock 06-McGee, G. J. R. 88-Hickman, J. C. 09-Reiter, C. G. Hartville Myrtle Point 13-Machamer, R. 11-Grapp, E. H. 04-Detwiler, W. V. G. 11-Rhoads, W. R. Hebron Portland 12—Bien, A. J. 09—Henry, C. 97—Heilig, E. R. 12-Brew, G. W. Lakewood 99-McKee, M. G. Cleveland PENNSYLVANIA (Mrs. H. E. Stitt) 91—McKee, A. G. Adams County 91-Suloff, N. H. 03—Stitt, H. E. Guernsey 91-Taylor, D. M. Leetonia 14-Peter, W. V. 99—Way, H. O. 00—Guy, G. E. 98-Taylor, M. A. Littleton Lorain 12—Stavely, E. B. 01—Crouch, C. E., Jr. 11—Hawk, W. B. N. 01—Ruble, J. S. 02—Herr, D. D. McSherrystown Mansfield 14—Smith, V. W 96-Glosser, J. F. 04—Bryson, T. J. 04—Heck, W. T. 05—Elliott, R. H. 05—Eshleman, C. Martins Ferry Allegheny County 10-Stitt, E. W. Aspinwall Middletown 95—Herr, S. F. 92—Aull, C. E. 04—Whitworth, E. A. 14—Klingensmith, W. C. 05—Kautz, A. H. 05—McDowell, W. H. Avalon Northfield 98—Owens, W. H. 09—Bole, H. A. 06-Van Swearingen, 12-Harlan, J. D. C. F. Springfield 10-Kantner, W. O. 14-Gosser, H. 07-Harrold, A. E.

Bellevue	Munhall	07_Dawson, H. P.
96—McCrea, R. A.	06—Diehl, E. L.	07—Leitzell, F. O.
01-Stuart, G. J.	13—Howel, John	07—Mason, H. D., Jr.
07—Norton, J. W.	Natrona	07—Smith, H. I.
07—Ritchey, J. C.	12—Amschler, H. M. E.	07—Staud, J. E.
08—Smith, W. W.	Oakdale	07—Wentzel, L. L.
09-Miller, F. B.	12—Stewart, H. E.	08—DuBarry, E. G.
13—Karcher, H. E.	13—Smiley, T. F.	08—DuBarry, G. D.
Braddock	Pittsburgh	08—Fox, M. W.
91—Chamberlain, G. D.	73—McKee, C. H.	08—Lacock, A. S.
10—Abbis, R. D.	78—Stallknecht, A. C.	08—Shatzer, J. B.
13—Gardella, W. M. J. G.	81—Davison, N. C.	08—Steigerwalt, A. B.
14—Gorsuch, C. C.	89—Weller. John S. 90—Mitchell, H. W.	08—Steigerwalt, R. W.
Bruceton	90—Walker, J. B.	08—Valentine, S. B. 09—Canter, N. W.
10—McCoy, W. L.	93—Orbin, Frank	09—Digby, Allen
Carnegie	94—Quigley, J. E.	09—Martin, J. E.
75—Glenn, J. E.	95—Rodgers, J. F.	09—Strouse, A. F.
09-Burkholder, H. F.	95—Snyder, G. B.	10—Clifford, F. C.
12—Handley, R. W.	96—Kuhn, H. A.	10—Dunn, C. J.
13—Deane, D. F.	96—Motz, J. F.	10—Harrison, J. H.
Crafton	96—Price, H. T.	10—Lambert, C. A.
94—Dickinson, W. M.	96—Snyder, W. E.	10—Lloyd, E. G.
08—Plank, W. B.	97—Dom, J. McM.	10—Lyon, P.
10—Ramsey, J. N.	97—McKinley, R. M.	10—Murphy, W. P.
Duquesne	98—Albert, J. S.	10—Schein, A.
96—Stewart, H. M.	98—Curtin, J. M.	10—Seibert, F. M.
98—Diehl, A. N.	98—Gray, J. W.	11—Barrick, M. J.
Edgewood	98—Sprecher, C.	11—Disque. R. E.
13—Cadman, W. K.	99—Affelder, W. L. 99—Bell, R. C.	11—Harman, T. D., Jr. 11—LeFevre, D. B.
Harmarville	99—Brandt, W. E.	11—Lloyd, D. W.
12—Houghton, G. H.	99—Stevenson, M. R.	11—Mason, D. R.
Hites	99—Stevenson, W. D.	11—Milholland, J.
14—Meerels, Anna	00—Edwards, O. C.	11—Shaw, J. A.
Hoboken	00—McKinley, J.	11—Steidle, E.
10—Faust, S. L.	01—Eynon, D. L.	11—Stevenson, K. S.
Homestead	01—Moke, J. B.	11—Wallis, W. B.
99—Trautman, A. H.	03—Palmer, I. C.	11—Watson, J. E.
13—Rogers, H. S.	03—Sborigi, G. V.	11—Weinman, R. P.
Ingram	03—Snyder, J. H.	12—Batcheler, F. H.
13—Rex, S. M. 14—McGervey, B. J.	03—Stevenson, P. W.	12—Gorden, J. T. 12—Keil, H. K.
Large	04—Bevier, E. C. 04—Lightcap, H. S.	12—Lenchner, T.
14—Minford, J. B.	04—McKnight, H. F.	12—Rochow, W. F.
McKeesport	04—Ray, H. C.	12—Rogers, H. S.
98—Brown, C. A.	05—Frazer, E. G.	12—Scott, J. L.
05—Brobst, G. R.	05—Hertzler, S. P.	13—Barker, G. A.
07—Tawney, F. O.	05—Hoskins, J. T. K.	13—Clarke, H. M.
07—Wilson, J. J.	05—Lose, R. G.	13—Cohen, B.
13—Mauthe, J. L.	05—Lytle, J. H.	13—Harris, T. W.
13—Miller, J. M.	06—Braddock, H. F.	13—Kerr, W. G.
14—Bracken, J. R.	06—Cope, W. C.	13—Page, Geo. R.
14—Ride, M. E. McKees Rocks	06—Culp, C. E.	13—Smith, E. T. 13—Stonerod, C. H.
05—Patterson, R. F.	06—Lowe, W. D. 06—Mahaffey, J. K.	13—Very, D. W.
11—Riddle, W. M.	06—Murphy, C. V.	14—Baldwin, H. C.
14—Smith, Frank	06—Nolan, T. B.	14—Bebout, J. D.
Mt. Lebanon	06—Stevenson, D. C.	14—Bowman, J. H.
07—Horning, M. O.	07—Beckert, L. F.	14—Evans, W. E.
13—Robinson, R. R.	07—Bovard, R. L.	14—Hays, F. N.

11—Rote, S. B.
11—Smith, G. F.
13—Berlin, W. G.
13—Burkhart, S. E.
13—Cook, R. C.
13—Markle, E. W.
13—Woodcock, W. I.
14—Johnston, G. H. Kutztown PENNSYLVANIA, Con. 07—Seidell, L. Pittsburgh 11-Rahn, R. M. 14-Hill, R. W. Mohnton 14—Hittner, P. M. 14—Keelan, L. B. 14—Hornberger, J. J. Morgantown 14-Lang, E. H. 13—Plank, A. Q. 14—Plank, H. K. 14—Ludwig, J. N. 14—Miller, J. R. 14—Sellers, S. R. 14—Sellert, A. H. Wilmerding Mount Penn 14—Leinbach, J. W. 10-Minsker, J. W. Wilson Reading 14—Sullivan, L. G. 14—Swift, H. L. 14—Hutton, A. 85—Jackson, C. 98—Thomas, L. E. Woodville Sewickley 12—Spencer, C. A. 99—Wagner, H. E. 14-Allewelt, W. F. 00—Shearer, W. L. 07—Rainey, P. A. Swissvale **Armstrong County** 01—Glenn, R. O. Kittanning 08—Gerhard, M. B. 11—Fricker, J. E. 03-Deike, G. M. H. 12—Stitt, Roy 05—Christman, G. L. 05—Johnson, J. F. 11—Hassler, J. A. 11—Schaffer, F. L. Tidal 13—Heath, H. G. 07—McCoy, C. E. 11—Rogers, L. H. 12—Bright, H. A. 12—Weber, E. C. 14—Brumbach, R. S. Beaver County 11—Zerby, A. B. Ambridge 12-Wood, R. R. 07-Dick, H. J. 14—Miller, R. J. 13—Crotsley, B. J. 14—Hoffman, H. J. 09—Gossard, R. V. 10—Steele, C. R. 12—Entrekin, L. M. 13—Cohen, A. H. 14-Van Reed, C. S. Robesonia Tarentum 92—Bohn, W. W. 07—Henry, V. L. Temple 14-Gillespie, W. C. 04—Dunkle, L. R. Beaver **Furtle Creek** 06—Williams, W. H. 10—Nichols, J. L. Warrington 14-Bernd, C. A. 12-Wertz, S. H. 14-Jenkner, H. D. E. Womelsdorf 13-McCreary, C. C. Verona Beaver Falls 14-Grasmire, E. A. 13-Stoner, C. E. 10-Walker, F. W., Jr. West View 07—McGill, E. A. 14-Edwards, W. G. Blair County 14—Hughes, H. L. Altoona Wilkinsburg New Brighton 93—McDonnell, M. E. 94—Silliman, W. A. 99—Minick, J. L. 98—Mechesney, C. A. 98—Thomas, W. A. 11-Campion, H. T. 00—Pollock, A. C. 02—Gerwig, T. C. Woodlawn 12-Orr, F. W. 01—Craig, J. M. 03—Rumbel, R. A. 04—Bathgate, O. H. 05—Minick, I. C. 01—Fugate, T. E. Bedford County 03-Godard. E. E. **Bedford** 04-Ale, E. R. 68—Cessna, D. 04-Andrews, N. M. 05—Slocum, R. L. 06—Williams, C. H. 07—Kunkle, B. D. 07—McGarvey, A. G. 08—Dice, E. B. 99—Barclay, W. F. (Mrs. F. M. Laird) 11—Heckerman, C. L. 05—Kell, R. L. 05—Over, S. B. 06—Jordan, P. M. 06—Kline, B. W. Loysburg 12-Kegarice, C. B. 08—Dice, E. B.
08—Miller, G. E.
09—Armel, J. P.
09—Brehm, C. V.
09—Carlson, W. J.
09—Harper, F. E.
09—Weaver, W. C.
10—Fretz, A. L.
10—Haugh, T. G. Saxton 07—Goodman, I. V.
07—Goodman, I. V.
07—Haverstick, P. W.
07—Romig, J. S.
09—Crilly, I. B.
09—Etters, P. M.
09—Madden, W. J.
10—Mattern, J. F.
10—Yoder, J. H. 05-Forkum, C. S. Berks County Berne 10-Fisher, L. M. Boyertown 04—Bomberger, C. S. Esterly 11—Glanville, R. H. 11—Kintzing, R. T. 11—Leinbach, W. C. 14—Adams, C. S. 11—Armsby, H. H. Fleetwood 11-Brennecke, R. C. 14-Moyer, E. 11-Buller, E. E. 11-Montgomery, A. C.

PENNSYLVANIA—Con.	11—Turner, E. C.	07—Lindemuth, F. L.
Blair County	Troy	08—Piper, Clark M.
	97—Montgomery, W. S.	09—Workman, L. V.
Altoona	13—Guillaume, L. R.	10—Berkebile, F. H.
11—Hughes, E. W.	Wyalusing	10—Berkebile, L. E.
11—McEntire, F. W.	93—Camp, E. E.	
11—Moffitt, H. R.		10—Kunkle, C. W.
11—Norton, B. R.	(Mrs. A. S. Hubbard)	11—Butler, R. A.
11—Swartz, L. E.	Wysox	11—Josopait, A. W.
11—White, J. C.	11—Piollet, T. W.	11—Swank, L. H.
12—Christ, C. C.		12—Glock, E. F.
12—Dunlap, R. B.	Bucks County	12—Gocher, R. M.
12—Stamm, W. P.	Bristol	12—Horner, C. K.
12—Stamm, W. 1. 12—Tobias, A. L.	08—Elias, D. A.	12—Zieme, H.
	14—Williams, E. S.	13-Shryock, H. L.
13—Gaines, W. E.	Eddington	14—Cramer, F. W.
13—Heeter, J. E.		14—Reineman, A.
13—Heineman, A. L.	09—Wrigley, P. I.	14—Thomas, J.
13—Jones, A. S.	Emilie	Patton
13—Lehman, G. D.	69—Stackhouse, W. M.	
13Malin, O. B.	Perkasie	97—Conrad, D. P.
13—Rice, G. L.	14—Moyer, J. N.	14—Bell, B. W.
13—Wyrough, H. M.	Tullytown	Saxman
14—Barr, P. W.	14—Bloomfield, H. W.	96—Dunsmore, J. G.
14—Knepper, F. B.	Wrightstown	Sonman
14—Shultz, A. D.	13—Atkinson, D. W.	01—Pollock, W. C.
	13—Atkinson, R. E.	South Fork
Bellwood	20 110-1-10-1, 1-1	97—Dunsmore, J. A.
00—Wentzel, D. E.	Butler County	,
12—Grove, C. G.	-	Camanon Count
Duncansville	Butler	Cameron County
13—Parker, Wm., Jr.	94—Rebhun, W. H.	Emporium
Hollidaysburg	95—Greer, R. B.	06—Cordie, C. H.
12—Cliber, F. D.	05—Bausman, G. A.	12—Shelley, H.
Isett	11—Armstrong, H. P.	13—McNarney, J. L.
61—Isett, J. H.	12—Adams, H. S.	
Roaring Springs	12—Akins, A. W.	14—Baldwin, R. E.
10—Lorenz, H. G.	14—Reinhardt, P. E.	
	14—Vogel, O. J.	Carbon County
Tyrone		Foot Mouch Chunk
89—Blair, H. C.	14—Vogel, E. P.	East Mauch Chunk
06—Heyl, R. G.	Combain Country	13—Horne, L. B.
09—Cook, T. A.	Cambria County	Lansford
13—Miller, J. F.	Colver	05—Warriner, J. B.
13—Sinclair, H.	06—Mahaffey, D. G.	08—Garrett, A. J.
14—Jenkins, R. R.	08—Abel, C. N.	10—Morgan, H., Jr.
14—Porter, H. F.	Cresson	Palmerton
Williamsburg	08—Fry, W. L.	10—Reed, W. I.
12—Bickley, H. G.	11—Swartz, L. E.	Summit Hill
		08—Boyle, J. E.
Bradford County	12—James, E. A.	30 20, 0, 11,
· ·	Ebensburg	Centre County
Canton	00_Krebs, W. A. W.	
07—Martin, Q. H.	Emeigh	Bellefonte
10—Sloan, D. K.	14—Hallman, C.	76—Orvis, E. L.
13—Kellogg, W. L.	Johnstown	77—Ray, S. D.
LeRaysville	74—Campbell, C. G.	89—Hunter, J. D.
13—Davis, E. J.	84—Reeves, J. W.	89—Meek, E. B.
Milan	93—Mattern, H. W.	90—Meek, G. R.
13—Fergus, H.	95—Fleck, H. G.	92—Meek, E. K.
New Albany	96—Dixon, I. K.	
14—Sumner, G. L.	98—Lewis, R.	98—Beaver, T. 99—Sherer, J. N.
Towanda	04—Ludwig, J. H.	01—Rogers, J. C.
08—Ritchey, J. S.	04—Morrissey, P. J.	02—Wagner, J. E.
10—Vought, R. H.	06—Frank, W. C.	03—Gray, G. O.
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PENNSYLVANIA-Con
Centre County
ellefonte
of—Washburn, D. E. of—Washburn, D. E. of—Harrison, L. T. of—Harrison, L. T. of—Harrison, L. T. of—Wright, N. R. of—Canfield, A. E. of—Gilligan, J. R. of—Gardner, H. R. of—Martin, H. R. of—Marti
08—Wright, N. R.
11—Canfield, A. E.
12—Gilligan, J. R.
13—Austin, H. R.
13—Gardner, H. B.
13—McKibben, E. F.
13—Shields, E. M.
14—Keller, J. O.
85—Rothrock, H. C.
enter Hall 14—Bitner, R. E.
burn
03—Wasson, R. U.
03—Wasson, R. U. eming 95—Hall, J. E.
95—Hall, J. E.
oward 07—Bower, C. G. 08—Weber, B. 14—Harvey, R. W.
08—Weber, B.
14—Harvey, R. W.
emont
04—Thompson W B
62—Thompson, J. I., Ji 04—Thompson, W. B. 14—Bathgate, R. C. 14—Dougherty, P. E.
14-Dougherty, P. E.
ilineim
13—Stover, B. M.
rviston 10Smith S M
10—Smith, S. M. enns Cave 04—Campbell, R. P. nilipsburg
04—Campbell, R. P.
nilipsburg
00—Pearce, A. M.
00—Pearce, A. M. ne Grove Mills 11—Woods, G. M.
ebersburg
12—Kreider, R. H.
14—Meyer, R. W.
beersburg 12—Kreider, R. H. 14—Meyer, R. W. 15—Harris, E. H. 13—Budinger, J. T.
13_Budinger, J. T
oring Mills
oring Mills 73—Allison, W. M. 13—Finkle, R. R. tate College
13—Finkle, R. R.
tate College

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Sp

71-Hamilton, H.

81—Etters, D. O. 90—Watts, R. L.

92—McDowell, M. S.

94—Breneman, P. B.

95—Wieland, R. W.

99—Fries, J. A.

01-Erb, E. S.

01—Miller, O. C.

03—Dale, P. H. 03—Dale, P. H.
03—Kinsloe, C. L.
03—Markle, J. J.
04—Gorham, W. R.
04—Leitzell, H. A.
04—Shattuck, H. B.
05—Smith, R. H.
05—Thompson, J. M.
(Mrs. P. H. Dale) 05—Torrence, F. M. υ6—Glenn. G. C. 06-Kaufman, F. J. 06-Noll, C. F. 07—Caughey, R. A. 07—Fridy, R. S. 07—Goodling, C. L. 07—White, W. R. 08—Brown, W. H. 08-Cochrane, D. C. 08-Haverstick, H. H. 08-Mason, T. W. 08-Myers, C. E. 09-Bower, E. 09-Hibshman, E. K. 09-Markle, D. L. 09—O'Donnell, R. 10—Brown, A. T. 10—Canan, W. D. 10—Fehr, R. B. 10—Govier, C. E. 10—McAnlis, C. R. 10—Nissley, W. B. 11—Bailey, M. E. 11—Bailey, N. M. 11-Bechdel, S. I. 11—Helman, M. P. 12—Davis, H. D. 12—Dean, S. M. 12-Harlow, R. C. 12—Herrington, R. 12—Holben, F. J. 12—Kauffman, D. H. 12—Park, J. W. 13—Bechtel, J. R. 13-Diemer, H. 13—Glenn, A. M. 13—Haas, A. R. 13—Hansen, A. A. 13—Kraybill, H. R. 13—Krebs, L. C. 13—Krumrine, J. A. C. 13—Moffitt, E. L. 13—Steel, C. B. 14—Butz, G. R. 14—Cobb, H. N. 14-Cocklin, H. S. 14—Corl, H. E. 14—Foster, H. D. 14—Kemmerer, L. C. 14-Martz, E. L. 14-Moyer, E. B.

W.

14—Redsecker, S. 14—Weaver, F. P. 14—Webb, A. G. Zion 78--Rupert, W. W. Waddle 10—Hoy, G. A. Chester County Atglen 97-Sharp, W. C. Coatesville 01—Hadleman, P. C. 09—Yocum, C. G. 12—Hoskins, D. F. 12—Hoskins, W. E. 12—McNeil, J. W. 13-Rosenberger, N. B. Cochranville 13-Watson, H. E. Downingtown 08-Pollock, W. I., Jr. Kelton 74—Thompson, W. H. Kennett Square 13-Cloud, D. E. Northbrook 14—Trimble, F. M. Oxford 14-Cox, P. L. Parkersburg 14-Murphy, F. T. Spring City 12—Latshaw, W. L. West Chester 03—Sharpe, B. H. 11—Preston, C. F. 12—Brinton, J. W. 12—Gray, A. P. 3rd. 12—Strode, N. B. 13-Henderson, B. R. 14-Hemmond, C. N. 14—Savery, W. H. 14—Slack, N. H. Clarion County

East Brady 04-Wray, R. W. Lamartine 82—Chadman, G. S.

Clearfield County

Clearfield 79—Smith, A. O. 00-Gordon, J. W. 04—Thompson, C. G. 13—Barger, G. W. 13—Patterson, W. H. 14-Gilliland, R. I. Curwensville 02—Blair, H. A.

PENNSYLVANIA-Con.	Crawford County	10-Buckwalter, H. D.
Du Bois	Meadville	10—Hershey, H. F.
06-Yeckley, E. G.	13—Patterson, T. A.	10—Jones, P. W.
09—Bennett, H. J.	Titusville	10—Shank, J. R.
13—Evans, R. R.		11—Geffeny, F. E.
13—Notter, J. C.	14—Miller, L. L.	11—Kendlehart, J. B. 11—Meikle, W. D.
14—Devoe, John N.	Cumberland County	11—Ostertag, J. W.
Falls Creek	•	11—Williams, N. N.
02—Sterrett, James	Camp HIII	11—Zimmerman, C. A.
Grantham	14—Craig, R. H.	12—Boger, J. D.
00—Hess, E. H.	Carlisle	12—Boger, N.
La Jose	13—Cornman, C. F.	12—Dennis, L. H. 12—Fortenbaugh, J. W
99—Thompson, W. H. Madera	13—Stuart, J. A.	12—Fortenbaugh, J. W 12—Johns, H. U.
97—Alexander, C. B.	13—Stuart, W. B.	12—Nisley, I. E.
Mahaffey	14—Church, H. T. 14—Peffer, E. F.	13—Leonard, H. R.
10—Rorabaugh, M.	Lemoyne	13—Lindsey, G. C.
Westover	-	13—Moffatt, G. W.
08—Fry, J. S.	14—Obold, L. J.	13—Murphey, G. P.
Winburne	Mechanicsburg	13—Robeson, G. A.
14—McLees, H. L. B.	09—Loose, J. W.	13—Shull, J. E. 13—Weaver, L. A.
Clinton County		13—Wickersham, L. E.
Beech Creek	Dauphin County	14—Beasor, C. C.
10—Mobley, R. H.	Derry Church	14—Carpenter, J. D.
Cedar Springs	14-Stoudt, J. M.	14—Hutchinson, H. C.
62—Furst, R. H.	Elizabethville	14—Lisse, N. W.
Lock Haven	13-Swab, C. E.	14—McCleary, E. J.
76—Barrows, R. W.	Halifax	14—McKinney, W. H.,Ji 14—Miller, E. E.
85—Patterson, E. B.	10-Loomis, W. P.	14—Rinkenbach, E. L.
(Mrs. A. L. Miller)	Harrisburg	14—Rogers, J. B.
95—Green, G. D. 96—McCormick, J. F.	66—Hamilton, H.	14—Sherman, A. L.
07—Martin, J. J.	77—Calder, A. Russell	14—Shenidman, M. A.
14—Peoples, R. M.	78—Knoche, F.	Hummelstown
MIII Hall	87—Jackson, J. P.	14—Hershey, C. B.
06—Burrell, J. I.	90—Jones, M. B.	Lykens
Renovo	(Mrs. J. P. Jackson)	94—Thompson, W. C.
14—Jones, T. A. Salona	97—Hardt, C. W.	Millersburg
09—Thompson, R. H.	97—Harris, J. T. 97—Miller, J. W.	09—Matter, L. D.
	98—Huber, H. G.	13—Reber, A. D.
Columbia County	99—Stewart, J. L.	Steelton
Benton	99—Weaver, V. M.	
14—Hess, D.	01—Fahnestock, J. H.	99—Reed, J. C. 08—Callaghan, W. P.
Berwick	03—Baillie, R. R.	09—Dornblaser, F. D.
03—Landis, J. B.	03—Bradley, J. F.	09—Landis, L. H.
03—Merkle, W. A. Bloomsburg	03—Miller, S. E. 03—Wert, A.	09—Lindemuth, L. B.
98—Hutchinson, W. A.	04—Riddle, W. C.	09—Orndorf. C. R.
08—Dillon, M. G.	05—McNarey, J. V.	09—Plough, F. K.
11—Shoemaker, G. C.	06—Spicer, J. S.	11—Gundel, E. W.
12—Fritz, C. C.	06—Varnes, S. K.	12—Smith, G. M. 13—Helm, R. C.
14—Moyer, H. L.	07—Forker, J. N.	14—Middleton, A. G.
Of Vostino T M	07—Groff, G. W.	14—Warner, H. O.
96—Vastine, J. M. Light Street	08—King, M. B. 09—Childs, W. G.	14—Whitman, S. N.
07—Richart, L. L.	09—Musgrave, J. K.	West Hanover
12—White, J. E., Jr.	09—Pennock, R. M.	97-Boyer, J. A.
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PENNSYLVANIA-Con. Delaware County Aldan

11—Dougherty, D. J. Chadds Ford

13—Elliott, R. H.

Darby 94—Damon, A. F., Jr.

12—Gotschall, I. E. Gradyville

13—Mendenhall, J. H. Lansdowne

13-Arthur, C. M. Media

03-Silvius, E. C. 10-Maddock, N. D. Moores

08—Hunter, R. E. 14—Gallager, A. L.

Ridley Park 13—Ancona, E. M. Rutledge

14-Ernest, E. H. Swarthmore

13—Harrower, D. E.

88—Downing, G. M. 93-Walsh, J. G. 14—Freeman, J. E.

14-Long, G. S. 14—Silver, J. R., Jr.

Elk County

Johnsonburg 95—Spence, G. K. Ridgway

09—Meek, A. R. 09—Miller, J. S., Jr. 10-Mackintosh, N. A. 11—Cuthbert, L. A. 13—Burgess, J. H.

13—Nippes, I. S. 14-Nagle, E. F.

Saint Marys 12-Mullhaupt, J. A. Wilcox

14-Aldrich, F. R.

Erle County

Corry 12—Elston, S. B. 14—Brown, M. L. 14—Lindsey, W. M.

East Springfield

11—Hall, J. M. 12—Gibson, B. A. Erie

82—McCreary, I. P. 97-Allen, H. H. 98—Diller, H. F

05—Hamilton, B. W.

77—Dunkle, E. C.
07—Nick, E. W.
07—Veenschoten, V. V.
10—Stephens, L. T.

11—Forker, G. M. 11—Riblet, R. E.

12—Dawson, H. B.

12—Fuller, L. W. 12—Zimmerley, H. H. 13-Fuhrmann, K. P.

13—Krimmel, M. A. 13—Newkirk, S. F., Jr.

13—Tuholski, A. W. 14—Rusterholtz, H. L. 14-Thompson, H. B.

Northeast

99—Griffin, W. T. 10—Norris, H. B. 11—Smith, G. C.

13—Kidder, J. H. 13—Selkregg, F. M.

North Springfield 62—Miles, J. F.

Union Clty 00—Bolard, C. 12—Shepard, C. C. 14—Hodgins, L. J. 14-Humes, L. D.

Fayette County

Brownsville

06—Davis, D. R. 11-Howarth, F. W. Connelsville

03—Little, R. V. 13-Evans, R. M. 14—Bowman, J. A.

E. Millsboro 13-Kirk, R. E.

Leckrone 98—Campbell, J. W.

Perryopolis 14—Chalfant, R. K. Uniontown

99—Rex. R. V. 01—Ritenour, J. P. 08—Morgan, W. H.

14-Johnson, G. D.

Forest County

Clarington 14-Meckling, D. G. Tionesta 12—Imel, C. A.

Franklin County

Chambersburg

62-Watts, F. 98-Keenen, J. R. W. 03—Huber, R. M.

07—Long, J. B. 08—Laird, W. A., Jr. 10—Atherton, J. H. 10—Gillespie, F. S.

Fayetteville 91-Long, H. D.

Mercersburg

91—Moore, M. (Mrs. J. G. Miller) 14-Varden, F. W.

Waynesboro 04—Bowers, R. W.

Fulton County

Buck Valley 96—McKibbin, J. M. Wells Tannery 95—Wishart, H. L.

Greene County

Dunkard 08—Ross, W. G. Waynesburg 07-McCormick, W. T.

Huntingdon County

Alexandria 05_Estep, T. G., Jr.

Huntingdon 93—Williamson, R. W.

94—Waite, W. B.

10-Davis, D. O. 10-Runk, J. A.

10-White, J. F. 14-Gibbs, C. D.

14-Rudy, R. B.

Mt. Union

14—Fuller, F. W. 14—Fuller, W. D. Penna. Furnace

14-Houser, A. M.

Warriorsmark

94—Mattern, F. K. 09—Grazier, F. E. Waterstreet

14—Harnish, L. H.

Indiana County

Blairsville

94—Hunter, S. B. (Mrs. A. W. Smith) 96—Smith, A. W. 10—Taylor, J. R.

14—Grumbling, J. S.

Brush Valley 14-Allen, G. E. Heilwood

94—Dowler, H. P.

PENNSYLVANIA—Con.
Indiana County Con.
Homer City
13—Rodgers, G. T.
Indiana
61—Banks, J. N.
94—Banks, W.
13—Wiggins, R. C.
14—McCartney, S. J.
Iselin
08—Coleman, J. M.
13—Williams, C. F.
Saltsburg
08—McKee, C. J.
14—Moore, W. R.

Jefferson County
Brookville
14—Lucas, F. H.
Corsica
11—Porter, E. E.
Punxsutawney
08—Scott, J. S.
13—Jenks, E. H.
Reynoldsville
12—King, F.

Juniata County Mifflin 13—Todd, S. G. Mifflintown 02—Jenkins, T.

Lackawanna County Carbondale 14-Beach, M. E. 14-Myers, R. L. Clarks Summit 96—Hawley, G. F. W. Dunmore 09—Eckels. W. 14—Flannelly, F. T. Glenburn 10-McCormick, C. E. Jermyn 05—White, L. R. Olyphant 10-Roberts, A. E. Peckville 13-Pentecost, J. C. Scranton 84—Lowry, M. W. 90—Walker, J. M. 94—Musser, B. A. 96—Carter, L. B. 96—Scott, C. E. 98—Kaiser, F. A. 98—Strohm, R. T.

99—Carpenter, D. F.

04—Biesecker, A. S.

06—Powell, E. J. 07—Brewster, F. K. 07—Powell, E.
07—Rittenhouse, L. C.
07—Yorks, S. H.
08—Hubler, A. A.
08—Saxe, A. 09—Gleason, F. A. 09—Walker, E. A. 11—Brehm, C. 11—Evans, B. R. 11—Williams, B. D. 12—Cohen, W. 12—Henwood, C. H. 12—Rittenhouse, K. D. 13—Telleysh, J. 14—Armstrong, H. M. 14—Carpenter, J. W. Taylor 09-Klebach, J. A. 08—Foley, L. E. 10—Ferris, C. E. Lancaster County

Wimmers Blue Ball 08-Wallace, J. E. Christiana 13-Swisher, H. P. Columbia 09—Hogentogler, C. A. 14—Becker, E. D. 14—Gerfin, G. P. Gap 13-Sutton, J. F. Holtwood 09—Beyerle, W. P. Lancaster 62—Breneman, H. R. 90—Breneman, H. N. 97—Baumgardner, 03—Cochran, J. S. 06-Fletcher, F. 10—Bucher, F. S. 12—Anne. G. E. 13—Guilford, E. F. 14—Hess, C. E. Leaman Place 13—Eshleman, J. D. 00—Bricker, E. B. Mount Joy 13—Reist, H. N.

Reamstown
14—Gockley, R. R.
14—Root, R. R.
Strasburg

13—Weaver, P. J. Washington Boro 12—Brush, P. R. Lawrence County
Elwood City
95—Moore, W. J.
08—Wharton, J. B.
Evon Valley
05—Heinrich, H. H.
New Castle
91—Gilkey, T. A.
93—Furst, J. K.
09—Allen, J. W.
12—Leiby, F. E.
13—Williams, A. C.
14—Baer, W. J.
Pulaski

12-Allison, G. L. Lebanon County Fredericksburg 85—Reber, Owen Lebanon 01—Hunsicker, J., Jr. 09—Bechtold, J. G. 12—Kinney, J. A. 13—Blouch, L. H. 13-Light, L. P. 13-Reese, G. R. 14-Hartman, R. E. Newmanstown 12—Steinmetz, C. K. Schaefferstown 12—Hartman, C. B. 14—Horst, M.

Lehigh County

Allentown

03—Snoeberger, P. M.
05—Arnold, T. H.
08—Thompson, W. G. C.
10—Meckley, E. W.
13—Hilbert, C. N.
13—Kocher, H. P.
13—Ritter, M. L.

14—Mickley, J. K. 14—Rhue, S. N. 14—Sanders, E. E. gypt 13—Lewis, J. W.

Slatington 12—Williams, R. 14—Jones, O. R.

Luzerne County

Dallas
14—Hefft, J. S.
Dorrancetown
06—Gay, F. G.
Hazleton
03—Boyle, H. J.
08—Dougherty, J. H.
10—Harman, A.

14—James, E. F.

PENNSYLVANIA-Con.	Wyoming	Mercer County
	11—Breese, M. B.	Farrel
Luzerne County	12—Perry, J. J.	97—Cromlish, A. L.
ingston		Greenville
06-Roper, M. L.	Lycoming County	11—McBride, C. G.
12—Arnold, M. C.	·	13—Moyer, W. A.
12—Hermann, B. M.	Hughesville	Grove City
	97—Hill, E. F.	08—Kurtz, E. K.
uzerne	Jersey Shore	14—Lawrence, J. P.
07—Montz, H. W.	00—Lundy, P. B.	Mercer
anticoke	11—Mendler, C. H.	95—Barton, D.
11—Parke, W. D.	12—Trump, G. S.	11—Robinson, J. H. 12—McElrath, H.
12—Coopey, W.	Montgomery	12—McElrath, H.
ew Wilmington	13—Jarrett, B. A.	14—Anderson, P. F.
13—Fulkman, J. A.	Montoursville	14—McElrath, C. B.
	14—Rishell, P. W.	Sharon
ittston	Muncy	04—Hendrickson, B.
98—Kennedy, W. H.	11—Bailey, R. N.	Stoneboro
09—Lessig, J. F. 11—Lynch, E. J.	13—Goodenow, W. G.	09—Cann, L. J.
11—Lynch, E. J.	13—Hoffman, F. R.	
lymouth	14—Clapp, A. D.	Mifflin County
10—Bittenbender, F. E.	14—Crawford, G. W.	Lewistown
11—Becker, C. E.		13—Anderson, J. H.
12—Nesbitt, C. L.	Newberry	Milroy
13—Kuschke, A. R.	04—Mosser, T. J.	13—Naginey, H. S.
14—Bittenbender, T. L.	Picture Rocks	Reedsville
14_Morgan, S. D.	14—Fleming, B. L.	12—Reed, J. M.
Shickshinny	Ralston	Yeagertown
11—Buckalew, J. M.	06—Dalburg, F. A.	83—Hollis, J. H.
	13—Bachle, E. R.	
eet Valley	Williamsport	Monroe County
14—Callender, H. L.	01—Scholl, L.	East Stroudsburg
Fruckville	07—Plankenhorn ,W. E.	05—Seguine, W. M.
13—Booth, C. F.	08_Barbey, G. D.	14—Bennett, J. L.
West Pittston	10—Bell, R. H.	Stroudsburg
90—Ball, A. D.	10-Morrison, G.	99—Stone, C.
(Mrs. W. H. MacMillan)	11—Wells, H. E.	99—Stone, C. 07—Voss, P. L.
12—Bevan, P. T.	12—Lamade, H. J.	
13—Mulkev. R. O.	13—Mabee, R. M.	Montgomery County
Wilkes-Barre	14—Fischer, F.	Abington
95—Williams, B. F.	14—Fleming, N. M.	14—Warr, J. R.
	14—Gauthier, W. J.	Ardmore
04—Saums, E. 05—Kaiser, W. E.	14—Gohl, J. W.	14—Strieby, W. J.
	14—Troxell, W. E.	14—Weston, H. B.
06—Kaiser, J. J.		Audubon
07—Cohen, G. E. 07—Smith, J. B.	McKean County	12—Fox, C. W.
07—Silitili, J. D.	Bradford	Bridgeport
08—Shoemaker, C. S.	92_Glenn, T. O.	11—Ennis, G. C.
09—Kaier, J.	99—Heckel, F., Jr.	Collegeville
09_Nicholson, F. C.	07—Winter, F. E.	10—Landes, W. R.
10—Garner, C. A.	09_Mullhaupt, A., Jr.	Conshohocken
10—Lohman, K. B.	09—Woodward, G. W.	09—Noll, I. O.
12—Bevan, L. W.	14—Neilly, W. W.	13—Jones, E. D.
12—Haines, J. M.		Cynwyd
12—Robinson, D. P. 12—Seip, R. H.	Crosby 03—German, H. G.	14—Davis, H. L.
12—Selp, R. H.	Smethport	14—Sullivan, E. N.
12—Zierdt, C. H.	92—Kessler, R., Jr.	Fort Washington
13—Hartman, A. W.	19 Clavin E. W	13—Hoffman, E. C.
13—Matey, A.	12 Specht F W	Glenside
13—Zollinger, F. L. 14—Bachman, H. E.	14 Apple P C	11—Mathers, H. L.
14—Bachman, H. E.	12—Glavin, E. W. 12—Specht, F. W. 14—Apple, P. C. 14—Apple, W. N.	Hatboro
14—Henney, C. F. 14—Wiener, H. C.	14—Apple, w. Iv.	13—Warner, J. W.
14—Wiener, H. C.	14—Hogarth, J. D.	10-110-110-1

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Mercer County

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(Mrs. R. L. Duff) Musser, W. R	Oberfell, C. R. 06 Obold, L. J. 14 O'Donnell, C. L. 08 O'Donnell, R. 09 O'Donnell, Mrs. R. 01 (Olive C. Miller) 05 Ogilvie, G. E. 10 Ohleen, H. P. 12 O'Neil, A. S. 03 O'Niell, F. P. 12 Orbin, F. 93 Orndorf, C. R. 09 Orr, F. W. 12	Pennock, R. M. 09 Pentecost, J. C. 13 Peoples, R. M. 14 Peraza, V. M. 12 Perham, D. E. 11 Perry, J. E. 08 Perry, J. J. 12 Perry, L. E. 06 Pescatore, T. J. 14 Peschko, R. J. 05 Peters, W. V. 14 Pfalzgraff, J. E. 13 Pharo, J. D. 13 Phillips, E. B. 09
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(Mrs. R. L. Duff) Musser, W. R. 04 Mussina, L. 07 Myers, A. M. 08 Myers, C. E. 08 Myers, E. H. 97 Myers, R. L. 14 Myers, S. S. 63 Myers, W. K. 05 Mylin, A. H., Jr 04 N Naginey, G. M. 12 Naginey, H. S. 13 Nagle, E. F. 14 Neary, E. J. 09 Neel, H. C. 03 Neely, F. L. 05 Neely, R. R. 12 Neidig, W. N. 11 Neilly, W. W. 14 Nelson, H. R. 01 Nelson, H. R. 01 Nelson, W. 12 Nesbit, J. N. G. 00 Nesbitt, C. L. 12	Oberfell, C. R. 06 Obold, L. J. 14 O'Donnell, C. L. 08 O'Donnell, R. 09 O'Donnell, Mrs. R. 01 (Olive C. Miller) Offutt, H. C. 05 Ogilvie, G. E. 10 Ohleen, H. P. 12 O'Neil, A. S. 03 O'Niell, F. P. 12 Orbin, F. 93 Orndorf, C. R. 09 Orr, F. W. 12 Orr, J. W. 62 Orvis, E. L. 76 O'Shea, T. L. 14 Ostertag, J. W. 11 Osuna, Jose 12 Over, S. B. 05 Owens. W. H. 98 P Page, G. R. 13 Painter, C. R. 14 Painter, S. H. 12	Pennock, R. M. 09 Pentecost, J. C. 13 Peoples, R. M. 14 Peraza, V. M. 12 Perham, D. E. 11 Perry, J. E. 08 Perry, J. J. 12 Perry, L. E. 06 Pescatore, T. J. 14 Peschko, R. J. 05 Peters, W. V. 14 Pfalzgraff, J. E. 13 Pharo, J. D. 13 Phillips, E. B. 09 Phillips, H. 66 Pier, H. M. 12 Pillsbury, J. P. 10 Pinner, R. F. 11 Piollet, T. W. 11 Piopler, C. M. 08 Plank, A. Q. 13 Plank, D. H. 00 Plank, H. E. 05 Plank, H. K. 14 Plank, W. B. 08 Plank, W. F. 02 Plankenhorn, W. E. 07

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Sanders, E. E 14	Shattuck, H. B 04	Smith, A. O 79
Sandles, M. C 07	Shatzer, J. B 08	Smith, A. W 96
Sankey, H. M 06	Shaw, J. A	Smith, Mrs. A. W 94
Santer, W. J 10	Shearer, C. A 04	(S. S. Hunter)
Saphore, E. W 82	Shearer, W. L 00	Smith, B. A 07
Saums, E 04		Smith, B. G 11
Saunders, F. J 05		Smith, C. A
Savery, W. H 14		Smith, C. H 07
	Shepard, G. C 12	
Saxe, J. A 08	Sherer, J. N 99	Smith, D. W 14 Smith, E. T 13
Saylor, R. B	Sherman, A. L 14	
Saylor, W. H 92	Sherrick, J. L 10	Smith, E. W 14
Sayre, R. J 14	Shetrone, W. E 14	Smith, F
Shorigi, G. V 03	Shields, E. M	Smith, G. C
Schaeffer, H. M 12	Shields, J. F 92	Smith, G. F
Schaeffer, M. E 92	Shields, R. W 11	Smith, G. M 12
Schaffer, F. L 11	Shinn, W. A 62	Smith, H. E 10
Scharf, R. H 14	Shipman, J. V 12	Smith, H. I 07
Schein, A. L 10	Shneidman, M. A 14	Smith, J. B 07
Scherrer, J. B 14	Shoemaker, Charles	Smith, J. Piper 07
Schleeder, L. B 06	Samuel 07	Smith, J. Paul 12
Schnerr, C. A 10	Shoemaker, Charles	Smith, L. B 07
Schnure, W. M 01	Shirley 14	Smith, L. W 10
Schoch, F. B 09	Shoemaker. G. C 11	Smith, M 11
Schoenfeld, O. C 10	Shoffstall, A. S 00	Smith, O. F 11
Schoenfeld, D. L 14	Shollenberger, J. H 13	Smith, P. E 02
Scholl, L01	Shoop, C. F 01 & 04	Smith, Raymond H 05
Schroeder, W. F 09	Shore, H. E 13	Smith, R. Harold 10
Schruers, R. E 13	Shryock, H. L 13	Smith, R. J 07
Schueler, J. E 97	Shull, J. E 13	Smith, S. Hodge 09
Schuyler, F. S 07	Shultz, A. D 14	Smith, Somers H 11
Schwartz, A 13	Shupe, H. G 14	Smith. S. M 10
Schwenk, A. B 04	Siebert, A. H 14	Smith, V. W 14
Scott, C. E 96	Siegfried, C. R 02	Smith, W. A 01
Scott, F. D	Siegfried, J. H 00	Smith, W. W 08
Scott, J. L 12	Siegler, E. H 11	Snavely, C. S 08
Scott, J. S 08	Sill, W. H 11	Snavely, P. M 12
Scott, T. W 14	Silliman, W. A 94	Snider, J. B 08
Scott, W. R. K 11	Sinclair, H	Snoeberger, P. M 03
Scribner, B. W 08	Silver, J. R., Jr 14	Snyder, C. B 99
Searer, G. F 10	Silverberg, S. A 10	Snyder, E. C. S 03
Sears, H. M 12		Snyder, E. H 07
Searight, G. P 08		Snyder, G. B 95
Seguine, W. M 05		22,001,001
Seguine, W. M		Snyder, H. V 11 Snyder, J. E 95
Seibert, G. E 95		
		Snyder, J. H 03 Snyder, John M 11
	Skemp, L. N 09	
Seip, R. H	Skinner, D. K 13	
Sellers P. F. M 13	Slack, N. H 14	
Sellers, P. F 97	Slater, W. A 07	, , , , , , , , , , , , , , , , , , , ,
Sellers, S. R 14	Sleppy, K. B 11	Solleder, A. L 13
Severance, R. C	Sloan, D. K	Solo, J
Shaad. G. C 00	Sloan, J. F 75	Spahr, H. G
Shaffer, F. R	Slocum, R. L 05	Spangler, J. J 07
Shaner, L. F 04	Small, J. A 07	Spangler, J. M 11
Shank, J. R 10	Small, J. M 93	Sparver, E. C 13

		SpTo
~ - t - 1 - 25 A 14	Stitt, H. E 03	Swope, R. W 11
Spatola, M. A	Stitt, Mrs. H. E 99	
Specht, F. W	M. G. McKee)	Т
Speer, G. F 10		Tait, R 82
Spence, G. K 95		Tanguy, E. E 12
Spencer, C. A 12		Tasker, H. M 14
Spencer, R. D 11	Diodda a, L. L	Tawney, F. O 07
Spicer, J. S 06	Diocitaing, 11. 11.	Taylor, D. M
Spiegle, R.G 13	Stoeltzing, R. L 13	Taylor, F. D 11
Sponsler, C. F 98	Stofflet, H. M	Taylor, F. H 03
Sprecher, C 98	Stokes, F 65	Taylor, I. R
Spryer, H. C 09	Stoll, C. G 03	
Srednik, E 12	Stoll, J. G 08	
Srednik, T. N 12	Stone, C 99	1ay101, 11. 12
Stackhouse, A. H 78	Stoner, C. E 13	I Gas, W. II.
Stackhouse, W. M 69	Stonerod, C. H 13	Teitelbaum, I. S 12
Stahl, C. R 08	Stoudt, J. M 14	Telleysh, J
Stable, C. T 11	Stoughton, J. M 09	Thacher, C. F 08
Stable, Mrs. C. T 12	Stover, B. M 13	Thayer, P. G 13
(M. I. Thompson)	Stover, C. R 10	Thomas, C 96
	Strayer, D. W 02	Thomas, E. M 08
Double, III Silling	Strayer, T. F 11	Thomas, J 14
	Streeter, R. L 03	Thomas L. E 98
Dualiti, II.	Strickhouser, H. L 12	Thomas, P. E 09
Dullion, 11, Dillion	Strieby, W. J 14	Thomas R. E 11
Deceptor, 11. 12.	Strode, N. B 12	Thomas, W. A 98
Statler, R. S 11	201040, 111	Thomas, W. G 08
Staud, J. E 07	Delonin, ic. 1	Thomas, W. S 08
Stauffer, E. B 03	Durouso, zz. z	Thompson, C. G 04
Stavely, E. B	Diroubo, W. I was a series	Thompson, C. M 96
Stavely, J. H 68	Struble, J. B 89	Thompson, Elizabeth B. 97
Steel, Ć. B	Stuart, G. J	(Mrs. L. H. Crossman)
Steel, C. L 14	Stuart, J. A	Thompson, E. J 00
Steele, C. R 10	Stuart, W. B 13	Thompson H. B 14
Steely, J. E	Stuckeman, H. S 09	
Steidle, E 11	Stull, J. M 76	I Hompson, 2.
Steigerwalt, A. B 08	Stump, H. J 06	I HOMPSON, OTTO
Steigerwalt, R. W 08	Sudduth, W 09	I Hompson, o. Division
Steinfurth, E. A 11	Suiter, P. P 14	
Steinmetz, C. K 12	Suloff, N. H 91	Thompson, Johanna M. 05
Stephens, L. T 10	Sullivan, E. N 14	(Mrs. P. H. Dale)
Stephens, T. V 12	Sullivan, J. E 10	Thompson, Mary I 12
Stephenson, J. W 92	Sullivan, L. G 14	(Mrs. C. T. Stahle)
Sterrett, E 03	Summer, H. N 11	Thompson, Mabelle 98
Sterrett, J 02	Summer, W. C 10	(Mrs. J. R. Woodcock)
Stevenson, D. C 06	Summers, J. A 10	Thompson, R. H 09
Stevenson, K. S 11	Sumner G. L 14	Thompson, S M 07
Stevenson, M. R99	Sutton, E. B 10	Thompson, W. B 04
	Sutton, J. F 13	Thompson, W. C 94
	Swab, C. E 13	Thompson W G. C 08
	Swanger, C. H 04	Thompson, W. H 74
Stewart, C. R 11	Swank, L. H 11	Thompson W. R 97
Stewart, E. R 13	Diramit, 11. 11.	Thomson, W. H 99
Stewart, F. C 11	Swank, R. P 89 Swartz, L. E 11	Throckmorton, R. I 11
Stewart, H. E 12		Throne, A. H 00
Stewart, H. M 96	Swartz, T. A 05	Tinsman, J. A 12
Stewart, J. L 99	Swenk, R 07	Tobias A L
Steig, F. B 07	Swenson, J. F 11	
Stiles, E. C 14	Swift, H. L 14	
Stine, W. F 08	Swift, T. D 13	1000, 5. 01111111111
Stine, W. F	Swisher, H. P 13	101101100, 1.
Stitt, E. W 10	Swope, E. E 12	Townsend, R. S 13

ToWi		
Transue, V. H 12	Wagner, W. C 09	Woigle C K
Transue, V. M 12	Waha, H. B	Weigle, C. K 08 Weinburg, B. B 13
Trappe, T. A 14	Waite, W. B 34	Weinman, R. P 11
Trautman, A. H99	Waldron, J. M 89	Weld, F. F 93
Treager, W. L 14	Walker, C. W 07	Weller, J. S 89
Trimble, F. M 14	Walker, E. A	Welling, H 14
Tritle, J. F 04	Walker, F. W., Jr 10	Wells, H. E
Troutman, C. E 61	Walker, J. B 90	Welsh, F. S 09
Troutman, L. C 61	Walker, J. M 90	Wentzel, D. E 00
Troxell, W. P 14	Walker, T. P 62	Wentzel, L. L 07
Trump, G. S 12	Walker, W. H 90	Wentzel, W. F. H 08
Trump, G. S	Wallace, E. S 13	Werner, H. O 13
(C. R. Hunter)	Wallace, J. C	Wert, A 03
Tuholski, A. W 13	Wallace, J. E 03	Wertz, F. A 12
Tuholski, D. B 03	Wallace, J. J 75	Wertz. S. H
Turnbull, P. H 12	Waller, C. H 05	Wescoat, W. E 10
Turner, E. C11	Wallis, W. B 11	West, J. P 14
Tustin, W. W 99	Walsh, J. G 93	Westerman, J. H 11
Tuttle, A. H 68	Walsh, L. C 03	Weston, H. B 14
Twaddell, W. W., Jr.,. 10	Walter, C. A 12	Wetzell, H. H 14
Tyson, R. E 97	Walter, F. M 12	Wharen, G. B 10
	Waltman, E. G 07	Wharton, J. B 08
U	Walton, R. C 11	Wheeler, C. M 11
Tradoubill A Mr. d.	Wanner, R. K 10	Wheeler, J. J 14
Underhill, A. M 14	Warn, G. K 00	White, Helen 13
Underwood, A. I 13	Warner, H. E 10	White, J. B 94
V	Warner, H. O 14	White, J. C 11
V	Warner, J. W 13	White, J. E., Jr 12
Valentine, S. B 08	Warr, J. R 14	White, J. F 10
VanBuskirk, L. W 11	Warriner, J. B 05	White, J. G 82
Van Dine, P. B 06	Washburn, D. E 06	White, J. W 98
Van Gorder, H. M 09	Wasson, R. U 03	White, L. R 05
Van Gorder, Mrs. H. M. 11	Watkins, S. S 09	White, W. F., Jr 12
(M. Krebs)	Watson, G. J 10	White, W. F 87
Van Keuren, H. L 11	Watson, H. E 13	White, W. L 13
Van Reed, C. S 14	Watson, J. B 09	White, W. R 07
Van Swearingen, C. F. 06	Watson, J. E 11	Whitney, R. B 13
Van Valkenberg, A. T 04	Watts, B. D 12	Whitman, C. S 10
Varden, F. W 14	Watts, F. Jr 62	Whitman, S. N 14
Varnes, S. K 06	Watts, R. L 90	Whitten, W. M 97
Vastine, J. M 96	Way, H. O 99	Whitworth, E. A 04
Veenschoten, V. V 07	Weaver, F. P 14	Wickersham, L. E 13
Very, D. W	Weaver, G 05	Wieland, G. R 93
Vetter, W 08	Weaver, L. A 13	Wieland, R. W 95
Veve, R. A 14	Weaver, O. D 13	Wiener, H. C 14
Vidal, G. C 12	Weaver, P. J	Wiggins, R. C 13
Vogel, E. P 14	Weaver. V. M	Wilcox, E. A
Vogel, O. J 14	Weaver, W. C 09	Wilcox, R. H
Vosburg, G. F 13	Webb, A. G 14	Wilfong, J. E 14
Voss, P. L 07	Webb, L. W 11	Wiley, W. R
Vorhis, L. F 10	Webber, E. M	
Vorhis, L. R 11		, , , , , , , , , , , , , , , , , , , ,
Vought, R. H 10	Weber, E. C	Williams, B. D 11 Williams, B. F 95
V 47	Weber, S. E 02	Williams, C. F
W	Webster, G. E 05	Williams, C. H 06
Wagner, H. E 99	Weddell, G. O 10	Williams, E S 99
Wagner, Jonas E 02	Weeks, C. Q 00	Williams, Eunice S 14
Wagner, Joseph, E 13	Weidner, F. N 91	Williams, F. E 10
		,

		WiZ
Williams, N. N 11	Woodward, H. H 12	Yocum, C. G 09
Williams, R 12	Yocum, J. H 91	Yoder, J. H 10
Williams, W. H 06	Yoder, F. E 05	York, C. F
Williamson, C. G 12	Woodward, J. D 08	York, H. J 00
Williamson, R. W 93	Work, H 10	Yorks, S. H 07
Wilson, A. S 13	Work, P 10	Yost, P. B 12
Wilson, J. J 07	Workman, E. D 11	Young, H. P 13
Winter, F. E 07	Workman, L. V 09	Young, L. E 00
Wion, G. H 08	Worthington, H. R 13	Yundt, G. J 99
Wise, G 01	Wray, J. E 10	,
Wishart, H. L 95	Wray, R. W 04	
Wolfe, S. L 12	Wray, W 07	Z
Wolff, W. H 06	Wright, E. R 07	
Woltz, F. I 09	Wright, F. P 72	Zarfos, J. H 06
Woltz, F. I 09		Zarfos, J. H 06 Zentmeyer, F. K 97
	Wright, F. P 72	Zarfos, J. H
Woltz, F. I 09 Wood, E. R 06	Wright, F. P	Zentmeyer, F. K 97
Woltz, F. I	Wright, F. P. 72 Wright, N. R. 08 Wrigley, P. I. 09	Zentmeyer, F. K 97 Zerby, A. B 11
Woltz, F. I	Wright, F. P. 72 Wright, N. R. 08 Wrigley, P. I. 09 Wyckoff, J. B. 08 Wyrough, H. M. 13	Zentmeyer, F. K. 97 Zerby, A. B. 11 Zern, E. N. 03 Zieme, H. 12
Woltz, F. I. 09 Wood, E. R. 06 Wood, H. P. 99 Wood, L. F. 13 Wood, R. R. 12	Wright, F. P. 72 Wright, N. R. 08 Wrigley, P. I. 09 Wyckoff, J. B. 08	Zentmeyer, F. K
Woltz, F. I. 09 Wood, E. R. 06 Wood, H. P. 99 Wood, L. F. 13 Wood, R. R. 12 Wood, W. F. 99	Wright, F. P. 72 Wright, N. R. 08 Wrigley, P. I. 09 Wyckoff, J. B. 08 Wyrough, H. M. 13	Zentmeyer, F. K. 97 Zerby, A. B. 11 Zern, E. N. 03 Zieme, H. 12 Ziegler, P. 13
Woltz, F. I	Wright, F. P	Zentmeyer, F. K. 97 Zerby, A. B. 11 Zern, E. N. 03 Zieme, H. 12 Ziegler, P. 13 Zierdt, Charles H. 12
Woltz, F. I	Wright, F. P	Zentmeyer, F. K. 97 Zerby, A. B. 11 Zern, E. N. 03 Zieme, H. 12 Ziegler, P. 13 Zierdt, Charles H. 12 Zierdt, Conrad H. 12
Woltz, F. I	Wright, F. P	Zentmeyer, F. K. 97 Zerby, A. B. 11 Zern, E. N. 03 Zieme, H. 12 Ziegler, P. 13 Zierdt, Charles H. 12 Zierdt, Conrad H. 12 Zimmerley, H. 12
Woltz, F. I	Wright, F. P	Zentmeyer, F. K. 97 Zerby, A. B. 11 Zern, E. N. 03 Zieme, H. 12 Ziegler, P. 13 Zierdt, Charles H. 12 Zierdt, Conrad H. 12 Zimmerley, H. 12 Zimmerman, C. A. 11
Woltz, F. I	Wright, F. P. 72 Wright, N. R. 08 Wrigley, P. I. 09 Wyckoff, J. B. 08 Wyrough, H. M. 13 Y Yaney, E. P. 11 Yarnall, I. T. 10 Yarnall, J. H. 05 Yeakle, H. S. 03	Zentmeyer, F. K. 97 Zerby, A. B. 11 Zern, E. N. 03 Zieme, H. 12 Ziegler, P. 13 Zierdt, Charles H. 12 Zierdt, Conrad H. 12 Zimmerley, H. H. 12 Zimmerman, C. A. 11 Zink, H. A. 08
Woltz, F. I	Wright, F. P. 72 Wright, N. R. 08 Wrigley, P. I. 09 Wyckoff, J. B. 08 Wyrough, H. M. 13 Y Yaney, E. P. 11 Yarnall, I. T. 10 Yarnall, J. H. 05 Yeakle, H. S. 03 Yeckley, E. G. 06	Zentmeyer, F. K. 97 Zerby, A. B. 11 Zern, E. N. 03 Zieme, H. 12 Ziegler, P. 13 Zierdt, Charles H. 12 Zierdt, Conrad H. 12 Zimmerley, H. H. 12 Zimmerman, C. A. 11 Zink, H. A. 08 Zollinger, F. L. 13

Advanced Degrees Conferred by the Pennsylvania State College Upon Graduates of Other Colleges

MASTER OF SCIENCE

1894

George W. Kessler. Address unknown.

William S. Sweetser. Address unknown.

Winfred W. Braman, (B. S., Worcester Poly. Inst., '97); Associate in Animal Nutrition, The Penna. State College.

Frederick W. Christensen, (B. S., Kansas State Agr. Coll., '00); New Mex-

ico State College, State College, N. M.
Fred S. Putney, (B. S., New Hampshire A. & M. Coll., '05); Rhode Island State College, Kingston, R. I.

1909

Walter H. MacIntire (B. S., N. Carolina A. & M. Coll., '05); U. S. Agr. Exp. Station, Knoxville, Tenn.

1910

Guy C. Given, (B. S., New Mexico A. & M. Coll., '06); Assistant Professor Exp. Agr. Chem., The Penna. State College.

1911

Oakley M. Bishop, (B. S., Virginia Poly. Inst., '10); Chemist, Carnegie Steel
Co., Duquesne, Pa.
Sleeter Bull, (B. S., Buchtel College, '09; B. S. in Agr., Ohio State Univ.,

'10); Sidney, Ohio.

Jesse B. Churchill, (B. S., Harvard, '99); Associate Professor of Industrial Chemistry, The Penna. State College.

Wheeler P. Davey, (B. A., Adelbert Coll., '06); Assistant in Physics, Cornell University, These, N. V.

nell University, Ithaca, N. Y.
Leopold J. LaSalle, (B. S., La. State Univ., '08); University of Chicago,
Chicago, Ill.

Frederick C. Miller, (B. A., Princeton, '04); Bellefonte, Pa.
Robert S. Pritchard, (B. S., Colgate Univ., '08); Instructor in Qualitative
Analysis, The Penna. State College.
Harold E. Rowe, (B. S., Kansas State Agr. Coll., '10); Assistant in Mechanical Engineering, The Penna. State College.

1912

Paul I. Pierson, (B. A., Adelbert Coll., '07); Instructor in Physics, The Penna. State College.

Tom S. Sligh, Jr., (B. S., La. State Univ., '11); Instructor in Physics,

The Penna. State College.

Ralph A. Waldron, (B. S., Mass. Agr. Coll., '10); Instructor in Biology,
The Penna. State College.

John R. Winston, (B. S., Virginia Poly. Inst., '11); Teaching Fellow in
Botany, The Penna. State College.

William J. Wright, (B. S., Mich. Agr. Coll., '04); Assistant Professor in Horticulture, The Penna. State College.

Alva H. Benton, (B. S., Ohio State Univ., '12); Teaching Fellow in Agronomy, The Penna. State College.

James B. Berry, (B. S., Univ. of Minnesota, '10); Instructor in Forestry in The Penna. State College.

Grover C. Chandlee, (Ph. B., Franklin & Marshall Coll., '07); Instructor in Chemistry in The Penna. State College.

Frank A. Fahrenwald, (B. S., S. Da. School of Mines, '12); Instructor in Metallurgy in The Penna. State College.

Carl W. Larson, (B. S., Iowa State Coll., '06); Professor of Dairy Husbandry in The Penna. State College.

Frank B. Strode, (B. A., Swarthmore College, '09); Instructor in Chemistry, The Penna. State College.

1914

James Fowler Adams, (B. S., Mass. Agricultural College, '11); Instructor in Botany, The Pennsylvania State College, State College, Pa. Ernest Lee Anthony, (B. S. Agri. Univ. of Missouri, '12); Instructor in Dairy Husbandry, The Pennsylvania State College; State College, Pa.

Herbert Perry Davis. (B. S. Agri. Univ. Missouri, '11): Assistant in French Perry Davis.

Herbert Perry Davis, (B. S. Agri., Univ. Missouri, '11); Assistant in Experimental Dairy Husbandry, The Pennsylvania State College; State College, Pa.

Lytle Raymond Parks, (B. S. Chem. Eng., Purdue Univ., '12); Instructor in Chemistry, The Pennsylvania State College; State College, Pa. Karl John Seulke, (B. S., Agri., Purdue Univ., '13); Teaching Fellow in Agriculture, The Pennsylvania State College; State College, Pa.

MASTER OF ARTS

1885

Harriet A. McElwain, 1798 Riverdale Ave., West Springfield, Mass.

1905

L

Harriet A. Nichols, (Mrs. H. O. Taylor), (B. A., Leland Stanford, '94); 105 Irving Place, Ithaca, N. Y.
Lucretia Van T. Simmons, (Ph. B., Cornell, '98); Assistant Professor of

German, The Penna. State College.

1908

Helen M. Bradley, (B. A., Cornell, '06); Columbia University Library, New York City.

William S. Dye, (B. A., Univ. of Penna., '05); Assistant Professor of English, The Penna. State College.

Edmund V. Gage, (B. A., Harvard, '99); Instructor in Romance Language, The Penna. State College.

1910

Jesse F. Stinard, (B. A., Brown Univ., '00); University of Chicago, Chicago, Ill.

1912

Edmund P. Davis, (B. A., Indiana Univ., '09); Instructor in Mathematics,
The Penna. State College.

John H. Frizzell, (B. A., Amherst Coll., '02); Associate Professor English
and Public Speaking, The Penna. State College.

Victor R. Jones, (B. A., Colby Coll., '08); Instructor in German, The Penna.

State College.

Carl E. Marquardt, (B. A. Univ. of Mich., '09); Instructor in German, The Penna. State College.

1913

William M. Beard, (Ph. B., Dickinson Coll., '12); Teacher of History, Westfield High School, Westfield, N. J.; Williamsport, Md. Benjamin A. Ladd, (B. A., N. Y. Univ., '10); Instructor in German in The

Penna. State College.

Ernest C. Metzenthin, Graduate Student, University of Leipsig and University of Berlin. Instructor in German in The Penna. State College.

CIVIL ENGINEER

1877

John F. Downey, University of Minnesota, Minneapolis, Minn.

1890

Daniel Ulrich. Address unknown.

ELECTRICAL ENGINEERING

1907

Maurice C. Benedict, (M. E., Lehigh, '99). Address unknown.

1912

Joseph W. L. Hale, (B. S., Mass. Inst. Tech., '08); Assistant Professor of Engineering, The Penna. State College, in charge of P. R. R. School for Apprentices, Altoona, Pa.

1913

John O. Kammerman, (B. S., Univ. of Illinois, '07); Instructor in Electrical Engineering in The Penna. State College.

Associate Members of the Alumni Association

Names are listed in the order of classes with which the members entered college.

1861

Reed, Geo. W., Washington, Pa.

1863

Lobinger, C. C., 310 No. Main St., Fitzgerald, Ga.

Lytle, Laura B., State College, Pa.

1876

Hutchinson, Geo. G., Warriors Mark, Pa.

Foster, Wm. L., State College, Pa. Garwood, Victor, American Conservatory, Kimball Hall, Chicago, Ill.

Green, J. Harris, Bellefonte, Pa. Lemmon, J. Q., 433 Main St., Latrobe, Pa.

Foster, Robt. M., State College, Pa. Harris, J. Linn, Bellefonte, Pa.

1883

Hamill, Samuel M., 1822 Spruce St., Philadelphia, Pa.

1886—SPECIAL

Olewine, Elizabeth, Bellefonte, Pa.

1887—SPECIAL

Bush, George T., Bellefonte, Pa.

J. R. Rose, 1514 Union Bank Building, Pittsburgh, Pa.

1889

Rose, J. R., Benedum-Trees Bldg., Pittsburgh, Pa. Tyson, W. E., Tyrone, Pa.

1894

Aikens, J. P., State College, Pa. Heppenstall, Geo. T., Heppenstall-Marquis Co., Pittsburgh, Pa. Knittle, A. D., 315 So. Center St., Pottsville, Pa. Sturdevant, P. P., 138 Van Houten Ave., Passaic, N. J.

Fay, Frank C., Hollidaysburg, Pa. Heppenstall, C. W., Heppenstall Knife and Forge Co., Pittsburgh, Pa. Williams, C. B., Elizabethport, N. J.

Hoy, A. C., 256 Church St., New York, N. Y. Linn, H. W. S., Bellefonte, Pa.

1897

Robison, Fred A., State College, Pa. Smith, E. U., 509 Electric Bldg., Cleveland, Ohio.

1898

Hackett, A. S., 2311 E. Cumberland St., Philadelphia, Pa. Sprecher, L. B., Wheatland Ave., Lancaster, Pa.

1899

Fortney, D. P., Bellefonte, Pa.

1900

Denny, C. E., Signal Engr., N. Y. C. Lines, Chicago, Ill. Howard, P. C., 645 9th Ave., Munhall, Pa. Kilgore, R. M., 1348 Rockefeller Building, Cleveland, Ohio. Peffer, Geo. W., 19 Illinois Ave., Youngstown, Ohio. Stalford, M. R., Wyalusing, Pa. Williams, W. M., 295 E. Northampton St., Wilkes-Barre, Pa.

1901

Mitchell, A. W., Marine Bank Building, Erie, Pa.

1902

McKelvey, E. A., 1243 Oliver Building, Pittsburgh, Pa.

1903

Diehl, Geo. E., Marion, Pa. Hooker, E. S., Tyrone, Pa. Maxwell, W. A., Munhall, Pa. Polk, W. D., Kennett Square, Pa. Shelby, E. F., Uniontown, Pa. Stalford, M. R., Wyalusing, Pa.

1904

Harvey, J. E., Orviston, Pa. Price, John McC., 1013 Empire Building, Pittsburgh, Pa. Wood, E. K., Savings and Trust Building, Indiana, Pa.

1905

Huntzinger, R. J., care Exchange Hotel, Bloomsburg, Pa. Keefer, C. M., 516 West 28th St., New York City. Keiser, P. L., 927 King St., Pottstown, Pa. Phillips, T. C., 5224 Powhattan St., Pittsburgh, Pa. Smith, C. R., 1617 Forster Ave., Harrisburg, Pa.

1906

Griffin, C. L., Jr., 584 Madison Ave., Albany, N. Y. Hammond, J. B., Altoona, Pa. Hoy, R. H., 524 Frick Building, Pittsburgh, Pa. Leitzell, W. F., State College, Pa. Stamm, Bruce B., 510 McKinley Ave., Butler, Pa.

1907

Barnett, D. A., 917 South Ave., Niagara Falls, N. Y. Corbett, J. O., Columbia Bank Building, Pittsburgh, Pa. McIntyre, G. L., Maryland & Ellsworth Aves., Pittsburgh, Pa. Robb, J. K., 1518 Oliver Bldg., Pittsburgh, Pa. Woodward, 823 S. 49th St., Philadelphia, Pa.

1908

Love, F. G., 122 Whitfield St., Pittsburgh, Pa. Mount, J. E., Raymond Block, Corry, Pa.

1909

Acheson, H. H., 513 Broadway, Albany, N. Y.

1910

Bart, B. F., care National Tube Co., 332 So. Michigan Ave., Chicago, Ill-Braddock, H. C., Mt. Pleasant, Pa. Cole, Walter R., Box 101, West Bridgewater, Pa. Vorhis, R. R., 1931 E. 31st St., Lorain, Ohio. Winstein, S. Henry, R. F. D. No. 1, Bridgeville, Pa.

1910 SPECIAL

Kann, S. J., 14 Smithfield St., Pittsburgh, Pa.

1911

Devereaux, Robert, Cresson, Pa. Hopper, H. B., 28 So. 3rd St., Philadelphia, Pa. Kelly, Albert T., Altoona, Pa. Kershaw, Frederick, 5220 Schuyler St., Germantown, Pa.

1912

Groman, F. C., Box 36, San Marcial, New Mexico.
MacDermott, R. B., care Brooks & Co., No. 1 Miners Bldg., Wilkes-Barre,
Pa.
Mack, W. K., 70 Park Place, Newark, N. J.
Taylor, R. S., 325 N. Mattock St., West Chester, Pa.

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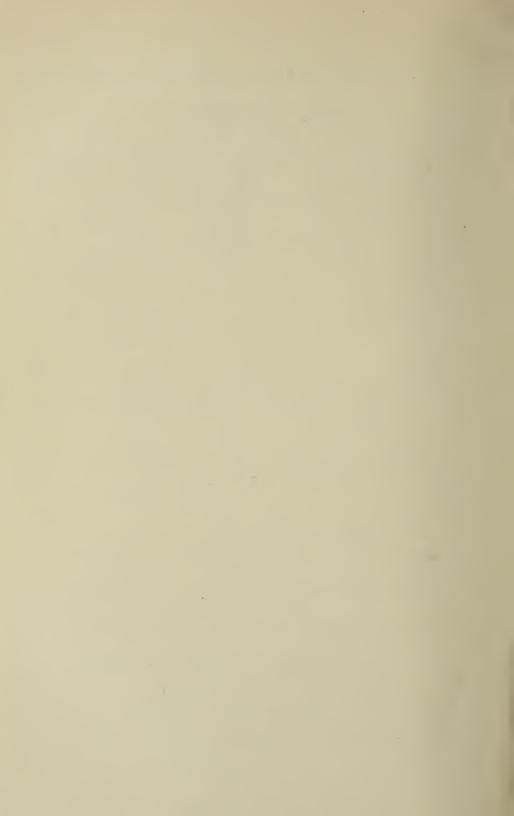
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